Leader in Biomolecular Solutions for Life Science

[KD Validated] Annexin A1/ANXA1 Rabbit mAb

Catalog No.: A25918

Recombinant

www.abclonal.com

Basic Information

Observed MW
38kDa

Calculated MW
39kDa

Category
Monoclonal Antibodies

Applications
WB, IP, IF/ICC, IHC-P, FC (intra), ELISA

Cross Reactivity
Human, Mouse, Rat

Clone No.
ARC66904

Background

This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of function or expression of this gene has been detected in multiple tumors.

Recommended Dilutions

WB	1:7000 - 1:70000
IP	0.5μg-4μg antibody for 400μg-600μg extracts of whole cells
IF/ICC	1:200 - 1:400
IHC-P	1:2000 - 1:20000
FC (intra)	1:100 - 1:500
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
301

Swiss-Prot
P04083

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ANX1; LPC1

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

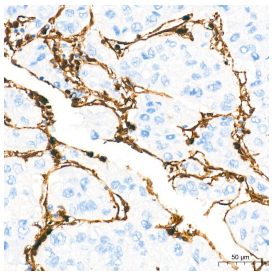
Source
Rabbit

Isotype
IgG

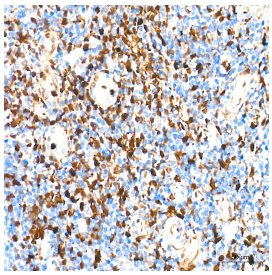
Purity
Affinity purification

Storage
Store at -20℃

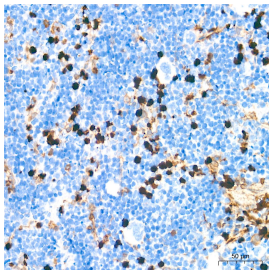
Validation Data



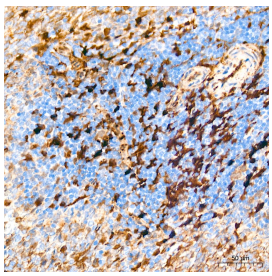
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918) at a dilution of 1: 9000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



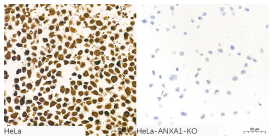
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918) at a dilution of 1:9000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



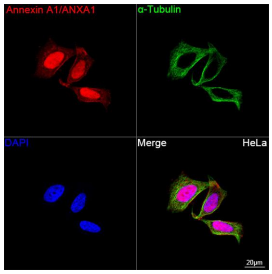
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918) at a dilution of 1:9000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



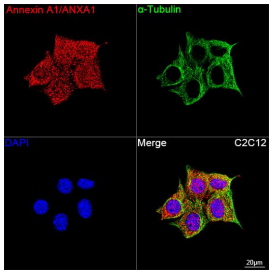
Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918) at a dilution of 1:9000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



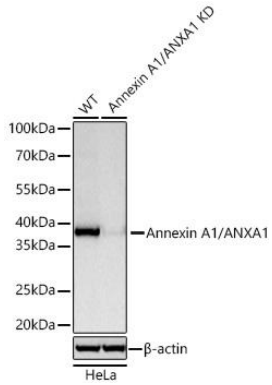
Immunohistochemistry analysis of paraffin-embedded Hela and HeLa-ANXA1-KO cells using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918) at a dilution of 1: 9000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



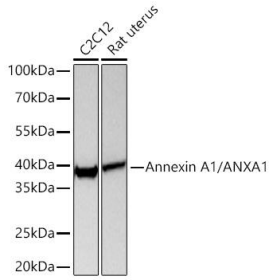
Confocal imaging of HeLa cells using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



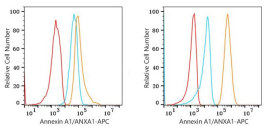
Confocal imaging of C2C12 cells using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



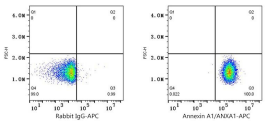
Western blot analysis of lysates from wild type (WT) and Annexin A1/ANXA1 knockdown (KD) HeLa cells using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918) at 1:50000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



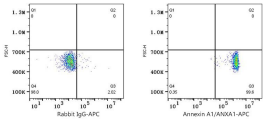
Western blot analysis of various lysates using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918) at 1:50000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



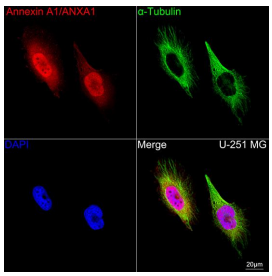
Flow cytometry: 1X10^6 293T cells (negative control,left) and A549 cells (right) were intracellularly-stained with [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918, dilution 1:1000,orange line) or Rabbit IgG isotype control (AC042,2 μg/mL,blue line), followed by APC conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



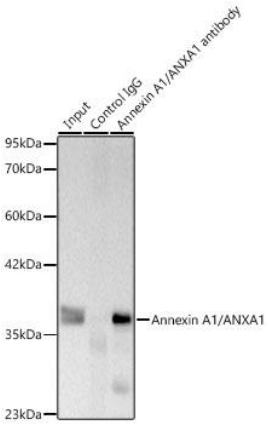
Flow cytometry: 1X10^6 A549 cells (right) were intracellularly-stained with Rabbit IgG isotype control (AC042,2 μg/mL,left) or [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918, dilution 1:1000,right), followed by APC conjugated goat anti-rabbit pAb staining.



Flow cytometry: 1X10^6 Human PBMC (right) were intracellularly-stained with Rabbit IgG isotype control (AC042,2 μg/mL,left) or [KD Validated] Annexin A1 /ANXA1 Rabbit mAb (A25918, dilution 1:1000,right), followed by APC conjugated goat anti-rabbit pAb staining. Cells in the monocyte gate were used for analysis.



Confocal imaging of U-251 MG cells using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunoprecipitation of [KD Validated] Annexin A1/ANXA1 from 500 µg extracts of C2C12 cells was performed using 2 µg of [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918). Rabbit IgG isotype control (AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using [KD Validated] Annexin A1/ANXA1 Rabbit mAb (A25918) at a dilution of 1:8000.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.