

CD120b/TNF R Type II/p75 Rabbit mAb**Catalog No.: A30055****Recombinant****Basic Information****Observed MW**

60-80 kDa

Calculated MW

50 kDa

Category

Monoclonal Antibodies

Applications

WB, IF/ICC, ELISA

Cross Reactivity

Mouse

Clone No.

ARC85277

Background

Enables tumor necrosis factor receptor activity. Involved in several processes, including negative regulation of extracellular matrix constituent secretion; regulation of nervous system development; and semi-lunar valve development. Acts upstream of or within several processes, including RNA destabilization; apoptotic signaling pathway; and negative regulation of inflammatory response. Located in membrane raft. Is active in plasma membrane. Is expressed in several structures, including extraembryonic component; genitourinary system; hemolymphoid system; liver; and trunk. Human ortholog(s) of this gene implicated in several diseases, including Parkinsonism; acne; bone disease (multiple); glomerulonephritis (multiple); and lung disease (multiple). Orthologous to human TNFRSF1B (TNF receptor superfamily member 1B).

Recommended Dilutions**WB** 1:2000 - 1:5000**IF/ICC** 1:200 - 1:400**ELISA**

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information**Gene ID**

21938

Swiss-Prot

P25119

Immunogen

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

Synonyms

p75; TNFBR; Tnfr2; CD120b; TNF-R2; TNFR80; TNFR1I; Tnfr-1; TNF-R75; TNF-R-II; TNF-alphaR2; TNFalpha-R2

Contact | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn**Product Information****Source**

Rabbit

Isotype

IgG

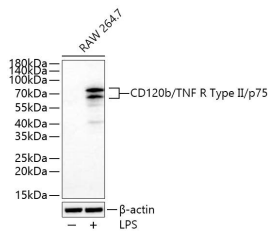
Purity

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of lysates from RAW 264.7 cells using CD120b/TNF R Type II /p75 Rabbit mAb (A30055) at 1:5000 dilution incubated overnight at 4°C. RAW 264.7 cells were treated with LPS (200 ng/mL) at 37°C for 8 hours.

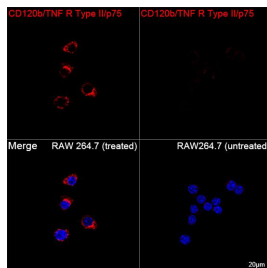
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45 s.



Confocal imaging of RAW 264.7 cells (treated with LPS) and RAW 264.7 cells (untreated) using CD120b/TNF R Type II/p75 Rabbit mAb (A30055, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.