LILRB2/CD85d/ILT4 Rabbit pAb

Catalog NO.: A10135 2 Publications

Basic Information

Observed MW
65kDa

Calculated MW
65kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Mouse, Rat

Conjugation
Unconjugated

Background

This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:1000 - 1:4000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
10288

Swiss Prot
Q8N423

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

Synonyms
ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10; LILRB2/CD85d/ILT4

Contact

Product Information

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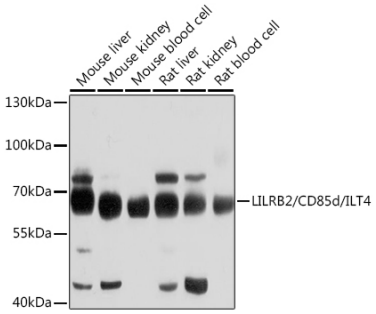
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using LILRB2/CD85d/ILT4 Rabbit pAb (A10135) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.

For research use only. Not for therapeutic or diagnostic purposes.

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