

LILRB2/CD85d/ILT4 Rabbit pAb

Catalog No.: A12157

Basic Information

Observed MW

65kDa

Calculated MW

51kDa/55kDa/64kDa/65kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

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 1:500 - 1:2000

Immunogen Information

Gene ID

10288

Swiss Prot

Q8N423

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 479-598 of human LILRB2/CD85d/ILT4 (NP_005865.3).

Synonyms

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

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

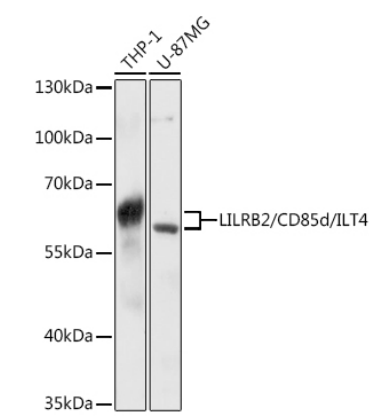
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using LILRB2/CD85d/ILT4 antibody (A12157) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.