

Datasheet for ABIN951418
anti-LILRB4 antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	LILRB4
Binding Specificity:	AA 43-73, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LILRB4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 43-73 amino acids from the N-terminal region of Human CD85K / LILRB4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human CD85K / LILRB4 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	LILRB4
Alternative Name:	CD85k / LILRB4 (LILRB4 Products)
Background:	This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is

Target Details

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. The receptor can also function in antigen capture and presentation. 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. Synonyms: CD85 antigen-like family member K, HM18, ILT-3, ILT3, Immunoglobulin-like transcript 3, LILR-B4, LIR-5, LIR5, Leukocyte immunoglobulin-like receptor 5, Leukocyte immunoglobulin-like receptor subfamily B member 4, Monocyte inhibitory receptor HM18

Molecular Weight: 49298 Da

Gene ID: 11006

NCBI Accession: [NP_001074907](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

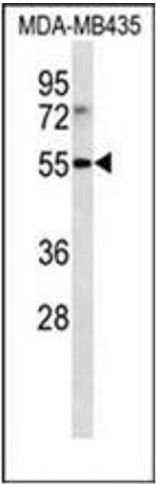
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of CD85K / LILRB4 Antibody (N-term) in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the LILRB4 antibody detected the LILRB4 protein (arrow).