

Datasheet for ABIN5516825
anti-LILRB4 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	LILRB4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LILRB4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen for Anti-LILRB4 antibody is: synthetic peptide directed towards the C-terminal region of Human LILRB4
Sequence:	RQGKHRTLAQ RQADFQRPPG AAEPEPKDGG LQRRSSPAAD VQGENFCAAV
Characteristics:	This is a rabbit polyclonal antibody against LILRB4. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	LILRB4
Alternative Name:	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.

Alias Symbols: ILT3, LIR5, CD85K, ILT-3, LIR-5

Protein Size: 448

Gene ID: 11006

UniProt: [Q8NHJ6](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.