

Datasheet for ABIN7193750 anti-LILRB4 antibody (AA 22-259)



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Overview

Quantity:	0.1 mg
Target:	LILRB4
Binding Specificity:	AA 22-259
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LILRB4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human CD85K (AA: 22-259) expressed in E. coli.
Clone:	8F1H11
Isotype:	IgG1
Purification:	purified

Target Details

Target:	LILRB4
Alternative Name:	CD85K (LILRB4 Products)
Background:	Description: This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family,

Target Details

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. 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. [provided by RefSeq, Jul 2008]

Aliases: ILT3, LIR5, LILRB4, ILT-3, LIR-5

Molecular Weight:	49 kDa
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Gene ID:	11006
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Application Details

Application Notes:	WB:1:500 - 1:2000, IHC:1:200 - 1:1000, ICC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,
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Restrictions:	For Research Use only
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Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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