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Datasheet for ABIN7158267

anti-LILRB1 antibody (AA 483-650) (HRP)

Overview

Quantity:	100 µg
Target:	LILRB1
Binding Specificity:	AA 483-650
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LILRB1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Leukocyte immunoglobulin-like receptor subfamily B member 1 protein (483-650AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LILRB1
Alternative Name:	LILRB1 (LILRB1 Products)
Background:	Background: Receptor for class I MHC antigens. Recognizes a broad spectrum of HLA-A, HLA-

Target Details

B, HLA-C and HLA-G alleles. Receptor for H301/UL18, a human cytomegalovirus class I MHC homolog. Ligand binding results in inhibitory signals and down-regulation of the immune response. Engagement of LILRB1 present on natural killer cells or T-cells by class I MHC molecules protects the target cells from lysis. Interaction with HLA-B or HLA-E leads to inhibition of the signal triggered by FCER1A and inhibits serotonin release. Inhibits FCGR1A-mediated phosphorylation of cellular proteins and mobilization of intracellular calcium ions. Aliases: CD85 antibody, CD85 antigen antibody, CD85 antigen like family member J antibody, CD85 antigen-like family member J antibody, CD85j antibody, CD85j antigen antibody, Ig like transcript 2 antibody, ILT 2 antibody, ILT-2 antibody, ILT2 antibody, immunoglobulin like transcript 2 antibody, Immunoglobulin-like transcript 2 antibody, leukocyte Ig like receptor 1 antibody, Leukocyte immunoglobulin like receptor 1 antibody, leukocyte immunoglobulin like receptor subfamily B member 1 antibody, Leukocyte immunoglobulin like receptor subfamily B member 1 precursor antibody, leukocyte immunoglobulin like receptor subfamily B member 1 soluble isoform antibody, leukocyte immunoglobulin like receptor, subfamily B, member 1 antibody, Leukocyte immunoglobulin-like receptor 1 antibody, Leukocyte immunoglobulin-like receptor subfamily B member 1 antibody, leukocyte immunoglobulin-like receptor subfamily B member 1 soluble isoform antibody, leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1 antibody, LILRB1 antibody, LIR 1 antibody, LIR-1 antibody, LIR1 antibody, LIRB1_HUMAN antibody, MIR 7 antibody, MIR-7 antibody, MIR7 antibody, Monocyte/macrophage immunoglobulin like receptor 7 antibody, Monocyte/macrophage immunoglobulin-like receptor 7 antibody, PIR B antibody, PIRB antibody

UniProt: [Q8NHL6](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300

Handling

Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.