

Datasheet for ABIN7183741

anti-LILRB4 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LILRB4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LILRB4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human LILRB4.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	LILRB4
Alternative Name:	LILRB4 (LILRB4 Products)
Background:	Background: Receptor for class I MHC antigens. Recognizes a broad spectrum of HLA-A, HLA-B, HLA-C and HLA-G alleles. Involved in the down-regulation of the immune response and the development of tolerance, e.g. towards transplants. Interferes with TNFRSF5-signaling and NF-

Target Details

kappa-B up-regulation. Inhibits receptor-mediated phosphorylation of cellular proteins and mobilization of intracellular calcium ions.

Arm J.P., J. Immunol. 159:2342-2349(1997).

Borges L., J. Immunol. 159:5192-5196(1997).

Liu W.R., Immunogenetics 51:659-669(2000).

Aliases: CD85 antigen-like family member K antibody, CD85k antibody, HM18 antibody, ILT-3 antibody, ILT3 antibody, Immunoglobulin-like transcript 3 antibody, Leukocyte immunoglobulin like receptor subfamily B (with TM and ITIM domains) member 4 antibody, Leukocyte immunoglobulin-like receptor 5 antibody, Leukocyte immunoglobulin-like receptor subfamily B member 4 antibody, LILRB4 antibody, LILRB5 antibody, LIR-5 antibody, LIR5 antibody, LIRB4_HUMAN antibody, Monocyte inhibitory receptor HM18 antibody

UniProt: [Q8NHJ6](#)

Application Details

Application Notes: IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

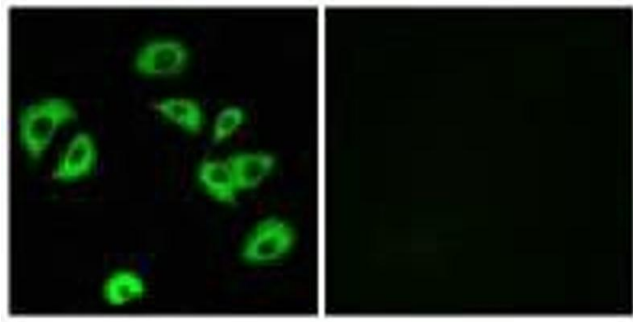
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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, -80 °C

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



Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells, using LILRB4 antibody.