

Datasheet for ABIN327146

anti-LILRB4 antibody (Extracellular Domain)



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Overview

Quantity:	100 µg
Target:	LILRB4
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LILRB4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	NS0-derived rhILT3 extracellular domain.
	Type of Immunogen: Recombinant protein
Clone:	293623
Isotype:	IgG2a
Specificity:	Recognizes human ILT3. In direct ELISAs and Western Blots, this antibody does not cross-react with rhILT2, 4, 5, LIR-6, or LIR-8.
Purification:	Protein G purified

Target Details

Target:	LILRB4
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Target Details

Alternative Name:	ILT3 / LILRB4 (LILRB4 Products)
Background:	Name/Gene ID: LILRB4 Family: Immunoglobulin Synonyms: LILRB4, CD85K, CD85k antigen, ILT-3, ILT3, LIR-5, LIR5, HM18
Gene ID:	11006
UniProt:	Q8NHJ6

Application Details

Application Notes:	Approved: ELISA, Flo, WB Usage: Flow Cytometry, Western Blot, Direct ELISA. Flow Cytometry: Dilute this antibody to 25 µg/mL and add 10 µL of the diluted solution to 1-2.5 x 10 ⁵ cells in a total reaction volume not exceeding 200 µL. The binding of unlabeled monoclonal antibodies may be visualized by adding 10 µL of a 25 µg/mL stock solution of a secondary developing reagent such as goat anti-mouse IgG conjugated to a fluorochrome. Western Blot: This antibody can be used at 1-2 µg/mL with the appropriate secondary reagents to detect human ILT3. Using a colorimetric detection system, the detection limit for rhILT3 is approximately 5 ng/lane under non-reducing conditions. Use of this antibody under reducing conditions is not recommended. Chemiluminescent detection will increase sensitivity by 5 to 50 fold. Direct ELISA: This antibody can be used at 0.5-1.0 µg/mL with the appropriate secondary reagents to detect human ILT3. The detection limit for rhILT3 is approximately 1 ng/well.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution: Reconstitute, sterile PBS. If 0.2 mL of PBS is used, the antibody concentration will be 500 µg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, 5 % trehalose. Reconstitution: Reconstitute, sterile PBS. If 0.2 mL of PBS is used, the antibody concentration will be 500 µg/mL.