

DATASHEET

CD85d Mouse Monoclonal Antibody(C2817)

CAT. NO. AMA02429

KEY FEATURES

Target	CD85d	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2a. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Receptor for class I MHC antigens. Recognizes a broad spectrum of HLA-A, HLA-B, HLA-C, HLA-G and HLA-F alleles . Involved in the down-regulation of the immune response and the development of tolerance. Recognizes HLA-G in complex with B2M/beta-2 microglobulin and a nonamer self-peptide (peptide-bound HLA-G-B2M) triggering differentiation of type 1 regulatory T cells and myeloid-derived suppressor cells, both of which actively maintain maternal-fetal tolerance . Competes with CD8A for binding to class I MHC antigens. Inhibits FCGR1A-mediated phosphorylation of cellular proteins and mobilization of intracellular calcium ions .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to CD85d
Specificity	Recognizes endogenous levels of CD85d protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD85d expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 65 kD; Observed: 58 kD kD
Form/Buffer	Mouse IgG2a. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ILT4; LIR2; MIR10; Leukocyte immunoglobulin-like receptor subfamily B member 2; LIR-2; Leukocyte immunoglobulin-like receptor 2; CD85 antigen-like family member D; Immunoglobulin-like transcript 4; ILT-4; Monocyte/macrophage immunoglobulin-like receptor 10; MIR-10; CD85d
Gene Symbol	LILRB2
Entrez Gene	10288(Human)
SwissProt	Q8N423(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

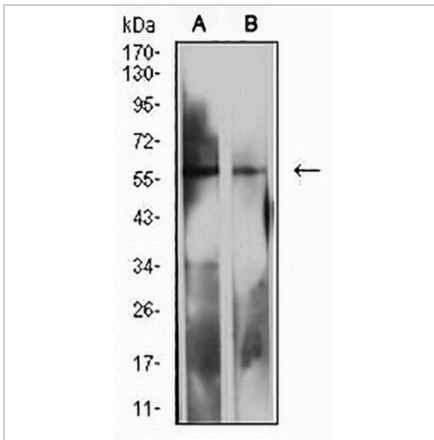
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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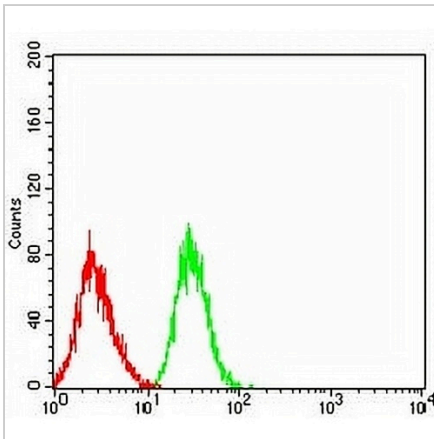
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Western blot analysis of CD85d expression in MOLT4 (A), K562 (B) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 58 kD)



Flow cytometric analysis of HL60 cells using Anti-CD85d Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.