

DATASHEET

CD158i Rabbit Polyclonal Antibody

CAT. NO. APA12622

KEY FEATURES

Target	CD158i	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Receptor on natural killer (NK) cells for HLA-C alleles. Does not inhibit the activity of NK cells.

APPLICATION

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

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

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

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CD158i
Specificity	Recognizes endogenous levels of CD158i protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD158i
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 33 kD; Observed: 35 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CD158I; KKA3; NKAT8; Killer cell immunoglobulin-like receptor 2DS4; CD158 antigen-like family member I; MHC class I NK cell receptor; Natural killer-associated transcript 8; NKAT-8; P58 natural killer cell receptor clones CL-39/CL-17; p58 NK receptor CL-39/CL-17; CD158i
Gene Symbol	KIR2DS4
Entrez Gene	3809(Human)
SwissProt	P43632(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.

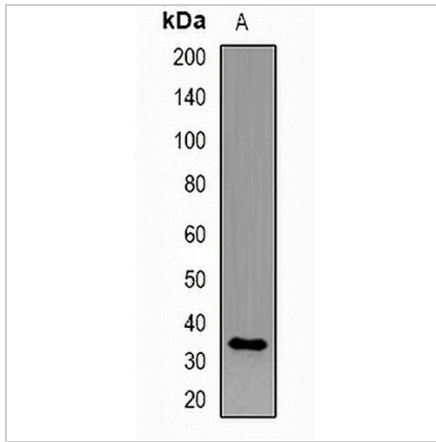
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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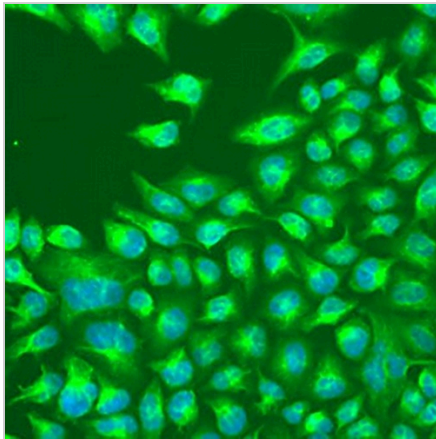
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DATA



Western blot analysis of CD158i expression in HEK293T (A) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 35 kD)



Immunofluorescent analysis of CD158i staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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.