

DATASHEET

CD275 Rabbit Polyclonal Antibody

CAT. NO. APA14618

KEY FEATURES

Target	CD275	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	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

Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion. Also induces B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function. In endothelial cells, required for proper neutrophil transmigration in response to chemoattractants, such as CXCL8/IL8 or N-formyl-methionyl peptides (fMLP).

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
IHC	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 CD275
Specificity	Recognizes endogenous levels of CD275 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD275
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 20; Observed: 60 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	B7H2; B7RP1; ICOSL; KIAA0653; ICOS ligand; B7 homolog 2; B7-H2; B7-like protein GI50; B7-related protein 1; B7RP-1; CD275
Gene Symbol	ICOSLG
Entrez Gene	23308(Human); 50723(Mouse)
SwissProt	O75144(Human); Q9JHJ8(Mouse)

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

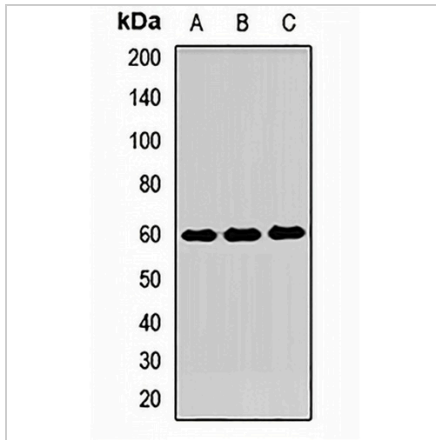
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

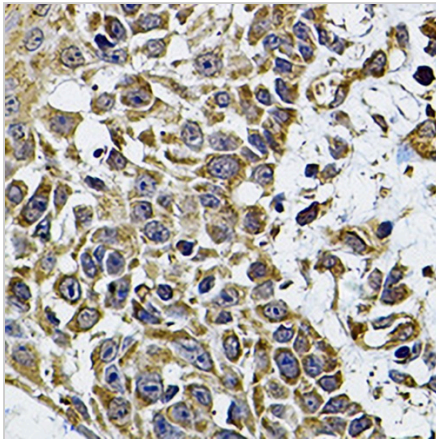
CD275 Rabbit Polyclonal Antibody

CAT. NO. APA14618

DATA



Western blot analysis of CD275 expression in HL60 (A), mouse brain (B), rat spleen (C) whole cell lysates. (Predicted band size: 20; 33; 34 kD; Observed band size: 60 kD)



Immunohistochemical analysis of CD275 staining in human skin cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.