DATASHEET

CD129 Mouse Monoclonal Antibody(C2775)

CAT. NO. AMA02387

KEY FEATURES

Target	CD129	Source / Host	Mouse
Reactivity	Human, Rat	Clonality	Monoclonal
Applications	WB, IHC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Plays an important role in the immune response against parasites by acting as a receptor of IL9.

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
IHC	1:100 - 1:500
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 CD129
Specificity	Recognizes endogenous levels of CD129 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD129 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 57 kD; Observed: 57 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Interleukin-9 receptor; IL-9 receptor; IL-9R; CD129
Gene Symbol	IL9R
Entrez Gene	3581(Human)
SwissProt	Q01113(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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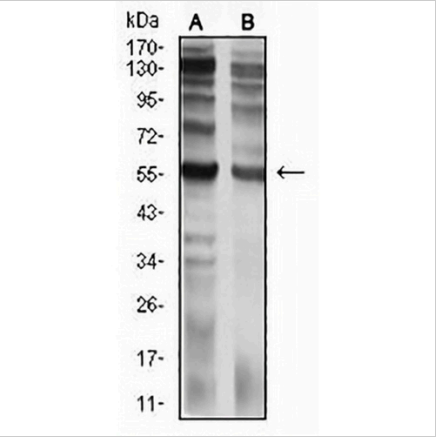
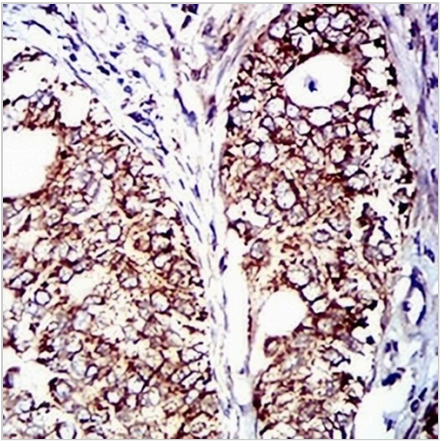
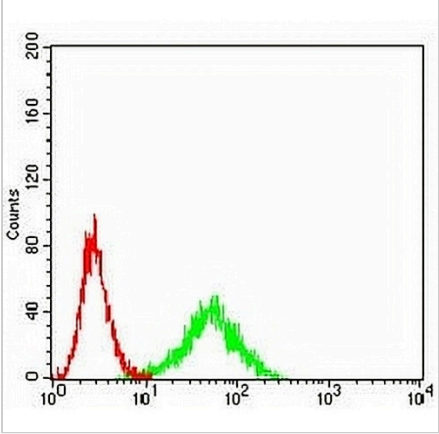
DATA



Western blot analysis of CD129 expression in C6 (A), PC3 (B) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 57 kD kD)



Immunohistochemical analysis of CD129 staining in human cervical 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.



Flow cytometric analysis of Ramos cells using Anti-CD129 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.