Product Name: DOCK8 Rabbit Monoclonal Antibody
Catalog #: AMRe01921

Summary

Production Name	DOCK8 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	DOCK8
Alternative Names	MRD2; ZIR8; HEL-205
Gene ID	81704
SwissProt ID	Q8NF50

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 239 kDa; Observed MW: 239 kDa

Background

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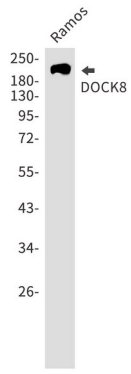
Guanine nucleotide exchange factor (GEF) which specifically activates small GTPase CDC42 by exchanging bound GDP for free GTP (PubMed:28028151, PubMed:22461490). During immune responses, required for interstitial dendritic cell (DC) migration by locally activating CDC42 at the leading edge membrane of DC . Required for CD4+ T-cell migration in response to chemokine stimulation by promoting CDC42 activation at T cell leading edge membrane (PubMed:28028151). Is involved in NK cell cytotoxicity by controlling polarization of microtubule-organizing center (MTOC), and possibly regulating CCDC88B-mediated lytic granule transport to MTOC during cell killing (PubMed:25762780).

Research Area

Cardiovascular

Image Data



Western blot analysis of DOCK8 in Ramos lysates using DOCK8 antibody.

Note

For research use only.