

DOCK8 Rabbit mAb
Catalog # AP75370**Specification**

DOCK8 Rabbit mAb - Product Information

Application	WB, ICC
Primary Accession	Q8NF50
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	238529

DOCK8 Rabbit mAb - Additional Information**Gene ID** 81704**Other Names**
DOCK8**Dilution**
WB~~1/500-1/1000
ICC~~N/A**Format**
Liquid**DOCK8 Rabbit mAb - Protein Information****Name** DOCK8**Function**

Guanine nucleotide exchange factor (GEF) which specifically activates small GTPase CDC42 by exchanging bound GDP for free GTP (PubMed:22461490, PubMed:28028151). During immune responses, required for interstitial dendritic cell (DC) migration by locally activating CDC42 at the leading edge membrane of DC (By similarity). 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).

Cellular Location

Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, lamellipodium membrane; Peripheral membrane protein; Cytoplasmic side. Note=Enriched and co-localizes with GTPase CDC42 at the immunological synapse formed during T cell/antigen

presenting cell cognate interaction. Translocates from the cytoplasm to the plasma membrane in response to chemokine CXCL12/SDF-1-alpha stimulation

Tissue Location

Expressed in peripheral blood mononuclear cells (PBMCs).

DOCK8 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DOCK8 Rabbit mAb - Images