

**Product Name: DOCK8 Rabbit Monoclonal Antibody****Catalog #: AMRe85516**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000, ICC 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 239 kDa; Observed MW: 239 kDa

**Antigen Information**

<b>Gene Name</b>	DOCK8
<b>Alternative Names</b>	MRD2; ZIR8; HEL-205
<b>Gene ID</b>	81704.0
<b>SwissProt ID</b>	Q8NF50
<b>Immunogen</b>	Recombinant protein of human DOCK8

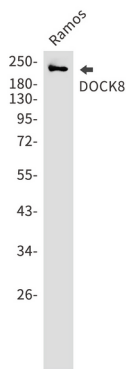
**Background**

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

## Image Data



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