

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **DOCK8 RABBIT MAB**

Cat.#: N262146

**Product Name:** Anti-DOCK8 Rabbit Monoclonal Antibody

**Synonyms:** MRD2; ZIR8; HEL-205

**UNIPROT ID: Q8NF50** 

**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).

Immunogen: Recombinant protein of human DOCK8

**Applications:** WB,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R05-7D3

MW: Calculated MW: 239 kDa; Observed MW: 239 kDa

Isotype: IgG

Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

Constituents: PBS (without Mg2+ and Cg2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

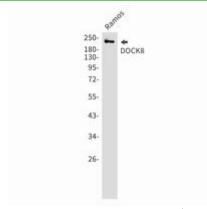
Research Areas: Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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