

Product Name: KD-Validated DEF6 Mouse Monoclonal Antibody**Catalog #: KVA01167**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 73.9kDa

Antigen Information

Gene Name	DEF6
Alternative Names	DEF6; DEF6 Guanine Nucleotide Exchange Factor; IBP; SWAP70L; SLAT; Differentially Expressed In FDCP 6 Homolog; SWAP-70-Like Adaptor Protein Of T Cells; IRF4-Binding Protein; DEF-6; Differentially Expressed In FDCP (Mouse Homolog) 6; Differentially Expressed In FDCP 6 Homolog (Mouse); IMD87
Gene ID	50619.0
SwissProt ID	Q9H4E7
Immunogen	Recombinant protein of human DEF6

Background

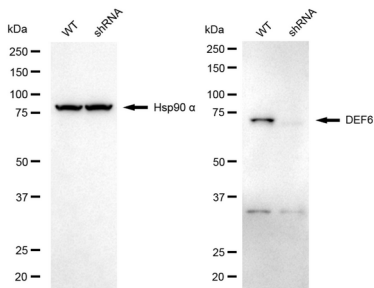
DEF6, or IBP, is a guanine nucleotide exchange factor (GEF) for RAC (MIM 602048) and CDC42 (MIM 116952) that is highly

expressed in B and T cells (Gupta et al., 2003 [PubMed 12923183]).[supplied by OMIM, Mar 2008]

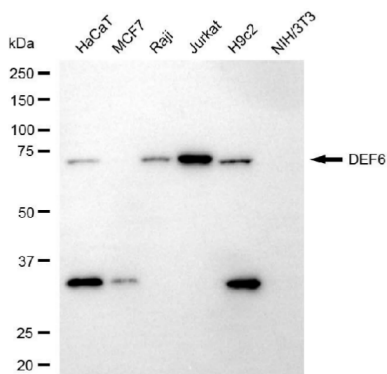
Research Area

Signal Transduction

Image Data



Western blotting analysis using DEF6 antibody (KVA01167). DEF6 expression in wild type (WT) and DEF6 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with DEF6 antibody (KVA01167, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using DEF6 antibody (KVA01167). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with DEF6 antibody (KVA01167, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.