

## Product datasheet for **CF801795**

### **DOCK8 Mouse Monoclonal Antibody [Clone ID: OTI16G2]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI16G2
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:500
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 84-405 of human DOCK8 (NP_982272) produced in E.coli.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	238.3 kDa
<b>Gene Name:</b>	dedicator of cytokinesis 8
<b>Database Link:</b>	<a href="#">NP_982272</a> <a href="#">Entrez Gene 76088 Mouse</a> <a href="#">Entrez Gene 499337 Rat</a> <a href="#">Entrez Gene 81704 Human</a> <a href="#">Q8NF50</a>



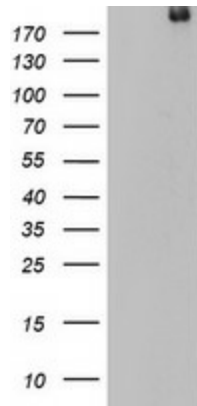
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**Background:**

This gene encodes a member of the DOCK180 family of guanine nucleotide exchange factors. Guanine nucleotide exchange factors interact with Rho GTPases and are components of intracellular signaling networks. Mutations in this gene result in the autosomal recessive form of the hyper-IgE syndrome. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jun 2010]

**Synonyms:**

HEL-205; MRD2; ZIR8

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DOCK8 ([RC222789], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DOCK8. Positive lysates [LY404295] (100ug) and [LC404295] (20ug) can be purchased separately from OriGene.