

DOK1 mouse monoclonal antibody (hybridoma)

Catalog # H00001796-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant DOK1.
Immunogen	DOK1 (NP_001372.1, 1 a.a. ~ 481 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDGAVMEGPLFLQSQRFGTKRWKRTWAVLYPASP HGVARLEFFD HKGSSSGGGRGSSRRLDC KVIRLAECVSVAPVTVETPPEPGATAFRLDTAQRSHLLAADAPSSAAWVQTLCRNAFPKGSWTL APTDNPPKLSALEMLENSLYSPTWEGSQFWVTVQRTEAAERCGLHGSYVLRVEAERLTLLTVGA QSQILEPLLSWPYTLRRYGRDKVMFSFEAGRRCPSGPGTFTFQTAQGNDIFQAVETAIHRQKAQ GKAGQGHDVLRADSHEGEVAEGKLPSPPGPQELLDSPPALYAEPDLSLRIAPCPSQDSL YSDPL DSTSAQAGEGVQRKKPLYWDLYEHAQQQLLKAKLTDPKEDPIYDEPEGLAPVPPQGLYDLPREP KDAWWCQARVKEEGYELPYNPATDDYAVPPPRSTKPLLAPKPQGPAFPEPGTATGSGIKSHNS ALYSQVQKSGASGSWDCGLSRVGTDKTGKSEGST
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DOK1

Entrez GeneID	1796
GeneBank Accession#	NM_001381.2
Protein Accession#	NP_001372.1
Gene Name	DOK1
Gene Alias	MGC117395, MGC138860, P62DOK
Gene Description	docking protein 1, 62kDa (downstream of tyrosine kinase 1)
Omim ID	602919
Gene Ontology	Hyperlink
Gene Summary	Docking protein 1 is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. Docking protein 1 contains a putative pleckstrin homology domain at the amino terminus and ten PXXP SH3 recognition motifs. Docking protein 2 binds p120 (RasGAP) from CML cells. It has been postulated to play a role in mitogenic signaling. [provided by RefSeq]
Other Designations	Downstream of tyrosine kinase 1 docking protein 1 docking protein 1 (downstream of tyrosine kinase 1) docking protein 1, 62kD (downstream of tyrosine kinase 1)

Disease

- [Genetic Predisposition to Disease](#)
- [Leukemia](#)