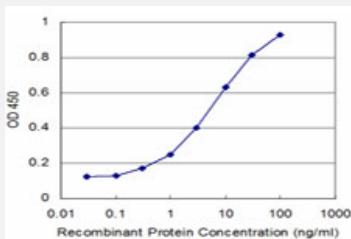


DOCK4 monoclonal antibody (M03), clone 1B3

Catalog # H00009732-M03

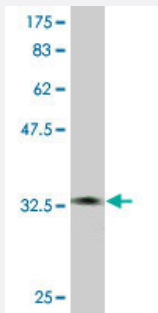
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DOCK4 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DOCK4.
Immunogen	DOCK4 (NP_055520, 1867 a.a. ~ 1966 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NQVNEQSAPLPVPVPVPVPSYGGEEPVRKESKTPPPYSVYERTLRRPVPLPHSL SIPVTSEPPAL PPKPLAARSSHLENGARRTDPGPRPRPLPRKVSQ L
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (89)
Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DOCK4 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DOCK4

Entrez GeneID	9732
GeneBank Accession#	NM_014705
Protein Accession#	NP_055520
Gene Name	DOCK4
Gene Alias	FLJ34238, KIAA0716, MGC134911, MGC134912
Gene Description	dedicator of cytokinesis 4
Omim ID	607679
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of the dedicator of cytokinesis (DOCK) family and encodes a protein with a DHR-1 (CZH-1) domain, a DHR-2 (CZH-2) domain and an SH3 domain. This membrane-associated, cytoplasmic protein functions as a guanine nucleotide exchange factor and is involved in regulation of adherens junctions between cells. Mutations in this gene have been associated with ovarian, prostate, glioma, and colorectal cancers. Alternatively spliced variants which encode different protein isoforms have been described, but only one has been fully characterized. [provided by RefSeq]

Other Designations

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Disease

- [Autistic Disorder](#)
- [Child Development Disorders](#)
- [Chromosomal Instability](#)
- [Cystadenocarcinoma](#)
- [Dyslexia](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)