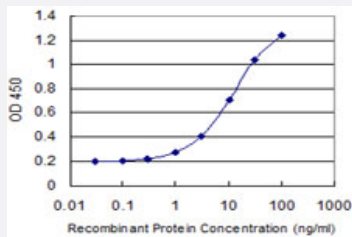


DUSP16 monoclonal antibody (M04), clone 3F3

Catalog # H00080824-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DUSP16 is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DUSP16.
Immunogen	DUSP16 (NP_085143.1, 561 a.a. ~ 665 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TESSHFYSASAIYGGSSAYSAYSCSQLPTCGDQVYSVRRRQKPSDRADSRRSWHEESPFEKQF KRRSCQMEFGESIMSENRSREELGKVGSGSSFGSMELIEVS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DUSP16 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DUSP16

Entrez GeneID [80824](#)

GeneBank Accession# [NM_030640](#)

Protein Accession# [NP_085143.1](#)

Gene Name DUSP16

Gene Alias KIAA1700, MGC129701, MGC129702, MKP-7, MKP7

Gene Description dual specificity phosphatase 16

Omim ID [607175](#)

Gene Ontology [Hyperlink](#)

Gene Summary The activation of mitogen-activated protein kinase (MAPK) cascades transduces various extracellular signals to the nucleus to induce gene expression, cell proliferation, differentiation, cell cycle arrest, and apoptosis. For full activation of MAPKs, dual-specificity kinases phosphorylate both threonine and tyrosine residues in MAPK TXY motifs. MKPs are dual-specificity phosphatases that dephosphorylate the TXY motif, thereby negatively regulating MAPK activity.[supplied by OMIM]

Other Designations MAPK phosphatase-7

Pathway

- [MAPK signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)