

DUSP16 rabbit monoclonal antibody

Catalog # H00080824-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DUSP16 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DUSP16 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DUSP16 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DUSP16

Entrez GeneID	80824
GeneBank Accession#	DUSP16
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](#)