Mouse DOK2 Monoclonal Antibody | anti-DOK2 antibody

DOK2 antibody

CATALOG #	HOST	APPLICATIONS
AAA74762	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

DOK2; Monoclonal Antibody; DOK2 antibody; Monoclonal DOK2; Anti-DOK2; Docking protein 2; p56dok-2; Downstream of tyrosine kinase 2; p56DOK; Dok-2; DOK 2; DOK-2; anti-DOK2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2A3
Purity/Purification	DOK2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for anti-DOK2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DOK2 is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated fromchronic myelogenous leukemia (Cml) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), achimeric protein whose presence is associated with Cml.
Cross-Reactivity	Human
Immunogen	DOK2 antibody was raised in mouse using a full length recombinant protein of human DOK2 (NP_003965) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant DOK2 protein using DOK2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DOK2 protein (Right) or empty vector (Left) detected with DOK2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DOK2 antibody	Mouse monoclonal DOK2 antibody

Product Categories/Family for anti-DOK2 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	41406050
NCBI GeneID	9046
NCBI Accession #	NP_003965
NCBI GenBank Nucleotide #	NM_003974.2
UniProt Accession #	O60496; Q8N5A4
Molecular Weight	45,379 Da
NCBI Official Full Name	docking protein 2
NCBI Official Synonym Full Names	docking protein 2, 56kDa
NCBI Official Symbol	DOK2
NCBI Official Synonym Symbols	p56DOK; p56dok-2
NCBI Protein Information	docking protein 2
UniProt Protein Name	Docking protein 2
UniProt Gene Name	**DOK2**
UniProt Entry Name	DOK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/dok2-antibody-clone-2a3-western-blot-immunofluorescence-flow-cytometry-elisa/74762