

Mouse anti-Human DRAK1 / STK17A Monoclonal Antibody | anti-DRAK1 antibody

Mouse Monoclonal [clone 4D12] (IgG2a,k) to Human DRAK1 / STK17A

CATALOG # AAA51916	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

DRAK1 / STK17A; Monoclonal Antibody; Mouse Monoclonal [clone 4D12] (IgG2a; k) to Human DRAK1 / STK17A; Anti-DRAK1 / STK17A Antibody (clone 4D12) IHC-plus; STK17A; DRAK1; Serine/threonine kinase 17a; Human DRAK1; anti-DRAK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4D12
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.4. Sourced in Ascites.
Concentration	0.23 mg/ml (varies by lot)
Sequence Length	414
Applicable Applications for anti-DRAK1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	STK17A (AAH47696, 301 a.a. ~ 414 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen Type	Recombinant protein
Immunogen	DRAK1 / STK17A antibody was raised against STK17A (AAH47696, 301 a.a. ~ 414 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



ELISA

Detection limit for recombinant GST tagged STK17A is approximately 0.1 ng/ml as a capture antibody.



WB (Western Blot)

STK17A monoclonal antibody clone 4D12 Western blot of STK17A expression in HepG2.

**IHC (Immunohistochemistry)**

Anti-STK17A / DRAK1 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

**IHC (Immunohistochemistry)**

Anti-STK17A / DRAK1 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-DRAK1 antibody	STK17A, a DAPK type protein kinase, functions in apoptotic signaling. The catalytic domain is similar to that of other members of this subfamily, and the noncatalytic C-terminus is responsible for regulation of kinase activity. In vitro assays have shown that protein is autophosphorylated.
Product Categories/Family for anti-DRAK1 antibody	Family: Protein Kinase ; Subfamily: DAPK

NCBI AND UNIPROT INFORMATION

NCBI GI #	109255245
NCBI GeneID	9263
NCBI Accession #	NP_004751.2
NCBI GenBank Nucleotide #	NM_004760.2
UniProt Accession #	Q9UEE5 ; Q8IVC8 ; A4D1V6
Molecular Weight	46,558 Da
NCBI Official Full Name	serine/threonine-protein kinase 17A
NCBI Official Synonym Full Names	serine/threonine kinase 17a
NCBI Official Symbol	STK17A
NCBI Official Synonym Symbols	DRAK1
NCBI Protein Information	serine/threonine-protein kinase 17A; death-associated protein kinase-related 1; serine/threonine kinase 17a (apoptosis-inducing); DAP kinase-related apoptosis-inducing protein kinase 1
UniProt Protein Name	Serine/threonine-protein kinase 17A
UniProt Gene Name	STK17A
UniProt Synonym Gene Names	DRAK1
UniProt Entry Name	ST17A_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/drak1-stk17a-antibody-clone-4d12-western-blot-immunohistochemistry-elisa/51916>