

Mouse anti-Human CAMK4 Monoclonal Antibody | anti-CAMK4 antibody

Anti-CAMK4 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14128	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CAMK4; Monoclonal Antibody; Anti-CAMK4 Mouse mAb; IV; caMK; CaMK IV; CaMK-GR; anti-CAMK4 antibody

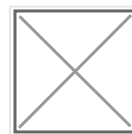
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8C5B8
Form/Format	Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer
Sequence Length	473
Applicable Applications for anti-CAMK4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human CAMK4 (AA: 35-292) expressed in E Coli.

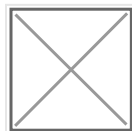
IMAGES


IHC (Immunohistochemistry)

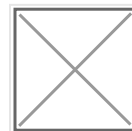
Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using CAMK4 mouse mAb with DAB staining.


IHC (Immunohistochemistry)

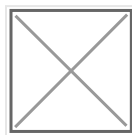
Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using CAMK4 mouse mAb with DAB staining.


IF (Immunofluorescence)

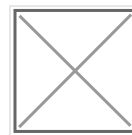
Immunofluorescence analysis of HepG2 cells using CAMK4 mouse mAb (green). Blue


WB (Western Blot)

Western blot analysis using CAMK4 mouse mAb against Jurkat (1), SK-N-SH (2), Raji (3), and HeLa (4) cell lysate.


WB (Western Blot)

Western blot analysis using CAMK4 mAb against HEK293 (1) and CAMK4 (AA


WB (Western Blot)

Western blot analysis using CAMK4 mAb against human CAMK4 recombinant protein. (Expected MW is 54.8 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CAMK4 antibody	Entrez Summary: The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca (2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1020738602
NCBI GeneID	814
NCBI Accession #	NP_001310304.1
NCBI GenBank Nucleotide #	NM_001323375.1
UniProt Accession #	Q16566; D3DSZ7
Molecular Weight	58
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type IV isoform 1
NCBI Official Synonym Full Names	calcium/calmodulin dependent protein kinase IV
NCBI Official Symbol	CAMK4
NCBI Official Synonym Symbols	caMK; CaMK IV; CaMK-GR
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type IV
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type IV
UniProt Gene Name	CAMK4
UniProt Synonym Gene Names	CAMK; CAMK-GR; CAMKIV; CaMK IV

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/camk4-antibody-clone-8c5b8-western-blot-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/14128>