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

CAMKIV (Calcium/Calmodulin-dependent Protein Kinase Type IV, CAM Kinase-GR, CaMK IV, CAMK4) APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24448	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

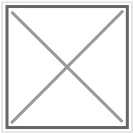
PRODUCT SYNONYMS

CAMKIV; Monoclonal Antibody; CAMKIV (Calcium/Calmodulin-dependent Protein Kinase Type IV; CAM Kinase-GR; CaMK IV; CAMK4) APC; anti-CAMKIV antibody

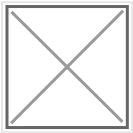
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1A3
Specificity	Recognizes human CAMK4.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Sequence Length	2157
Applicable Applications for anti-CAMKIV antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-473 from human CAMK4 (AAH25687.1) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MLKVTVPSCSASSCSSVTASAAPGTASLVPDYWIDGSNRDALSDFFEVESELGRGATSIVYRCKQKGTQKPYALKVLKKTVDKKIVRTEIGVLLRLSHPNII
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo

IMAGES



WB (Western Blot)
Western blot analysis of CAMK4 over-expressed 293 cell line, cotransfected with CAMK4 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with CAMK4 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to CAMK4 on HeLa cell. [antibody concentration 10ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to CAMK4 on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 5ug/ml].

WB (Western Blot)
Western Blot analysis of CAMK4 expression in transfected 293T cell line by CAMK4 monoclonal antibody. Lane 1: CAMK4 transfected lysate (52.14kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
CAMK4 monoclonal antibody Western Blot analysis of CAMK4 expression in Jurkat.

WB (Western Blot)
Western Blot detection against Immunogen (77.66kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CAMKIV antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	19343924
NCBI GeneID	814
NCBI Official Full Name	Homo sapiens calcium/calmodulin-dependent protein kinase IV, mRNA
NCBI Official Synonym Full Names	calcium/calmodulin dependent protein kinase IV
NCBI Official Symbol	CAMK4
NCBI Official Synonym Symbols	caMK; CaMKIV; CaMK IV; CaMK-GR
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type 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/camkiv-antibody-clone-1a3-immunofluorescence-immunohistochemistry-western-blot-elisa/24448