

Mouse anti-Human VRK2 Monoclonal Antibody | anti-VRK2 antibody

VRK2 (Vaccinia-related Kinase 2, Serine/threonine-protein Kinase VRK2) (HRP)

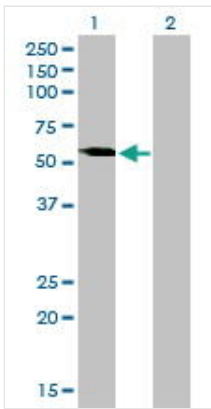
CATALOG # AAA25587	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

VRK2; Monoclonal Antibody; VRK2 (Vaccinia-related Kinase 2; Serine/threonine-protein Kinase VRK2) (HRP); EC=2.7.11.1; anti-VRK2 antibody

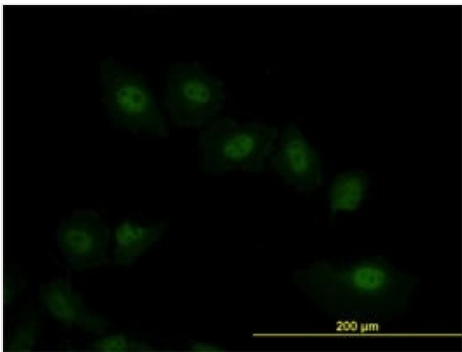
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3B10
Specificity	Recognizes human VRK2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Sequence Length	1975
Applicable Applications for anti-VRK2 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa260-360 from human VRK2 (AAH27854) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VQTAKTNLLDELPQSVLKWAPSGSSCEIAQFLVCAHSLAYDEKPNYQALKKILNPHGIPLGPLDFSTKGQSINVHTPNSQKVDSQKAATKQVNKAHNRLI
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



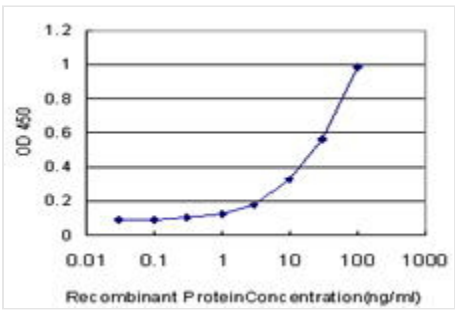
WB (Western Blot)

Western Blot analysis of VRK2 expression in transfected 293T cell line by VRK2 monoclonal antibody Lane 1: VRK2 transfected lysate (58.1kD). Lane 2: Non-transfected lysate.



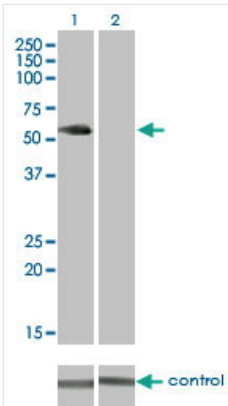
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to VRK2 on HeLa cell. [antibody concentration 10ug/ml]



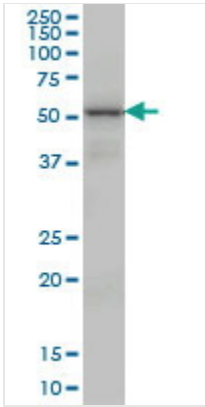
Application Data

Detection limit for recombinant GST tagged VRK2 is ~1ng/ml as a capture antibody.



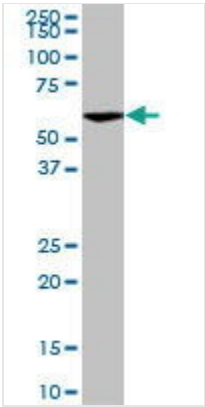
WB (Western Blot)

Western blot analysis of VRK2 over-expressed 293 cell line, cotransfected with VRK2 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with VRK2 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



WB (Western Blot)

VRK2 monoclonal antibody, Western Blot analysis of VRK2 expression in K-562.



WB (Western Blot)

VRK2 monoclonal antibody, Western Blot analysis of VRK2 expression in U-2 OS.

ADDITIONAL INFORMATION

Product Categories/Family for anti-VRK2 antibody	Antibodies; Protein Kinases
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20379749
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NCBI GeneID	7444
NCBI Official Full Name	Homo sapiens vaccinia related kinase 2, mRNA
NCBI Official Synonym Full Names	VRK serine/threonine kinase 2
NCBI Official Symbol	VRK2
NCBI Protein Information	serine/threonine-protein kinase VRK2

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/vrk2-antibody-clone-3b10-western-blot-elisa/25587>