

Mouse anti-Human VAX2 Monoclonal Antibody | anti-VAX2 antibody

Mouse monoclonal antibody Anti-Human VAX2

CATALOG # AAA36357	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunocytochemistry, Dot Blot
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PRODUCT SYNONYMS

VAX2; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human VAX2; Homo sapiens ventral anterior homeobox 2 (VAX2); mRNA; DRES93; anti-VAX2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	VAX2A8F12
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	1163
Applicable Applications for anti-VAX2 antibody	WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



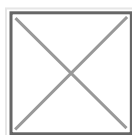
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-VAX2 mAb. [Lot No. VAX2A8F12-1]



WB (Western Blot)

Detection of VAX2 by Western blot. Samples: Whole cell lysate from human A2058 (H, 50 ug) and mouse NIH3T3 (M, 50 ug) cells. [Lot No. VAX2A8F12-1] Predicted molecular weight: 30 kDa



Quality Control

Left: Western blot analysis of immunized recombinant protein, using anti-VAX2 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-VAX2 antibody	VAX2 gene was named based on its high sequeunce similarity to VAX1 gene and is almost exclusively expressed in the ventral portion of the retina during development. It may play an important role in morphogenetic processes underlying the correct development of the eye, particularly in the establishment of a correct dorsoventral pattern. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205277331
NCBI GeneID	25806
NCBI Accession #	NP_036608.1
NCBI GenBank Nucleotide #	NM_012476
Molecular Weight	30,874 Da
NCBI Official Full Name	Homo sapiens ventral anterior homeobox 2 (VAX2), mRNA
NCBI Official Synonym Full Names	ventral anterior homeobox 2
NCBI Official Symbol	VAX2
NCBI Official Synonym Symbols	DRES93
NCBI Protein Information	ventral anterior homeobox 2
UniProt Protein Name	Ventral anterior homeobox 2
UniProt Gene Name	VAX2
UniProt Entry Name	VAX2_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/vax2-antibody-clone-vax2a8f12-western-blot-immunocytochemistry-dot-blot-elisa/36357>