Mouse IRX3 Monoclonal Antibody | anti-IRX3 antibody

IRX3 (Iroquois Homeobox 3, IRX-1) (FITC)

CATALOG #	HOST	APPLICATIONS
AAA26335	**Mouse**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

IRX3; Monoclonal Antibody; IRX3 (Iroquois Homeobox 3; IRX-1) (FITC); Iroquois Homeobox 3; IRX-1; anti-IRX3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1D7
Specificity	Recognizes IRX3.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-IRX3 antibody	IF (Immunofluorescence), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	IRX3 (NP_077312, 182aa-285aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RRRLKKENKMTWAPRSRTDEEGNAYGSEREEEDEEEDEEDCKRELELEEEELGGEEEDTGGEGLADDDEDEEIDLENLDGAATEPELSLAGAARRDGD
Conjugate	FITC
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 stor 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 r assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
IRX3 monoclonal antibody (M05), clone 1D7. Western Blot analysis of IRX3 expression in PC-12 (Cat # L012V1).

WB (Western Blot)
IRX3 monoclonal antibody (M05), clone 1D7. Western Blot analysis of IRX3 expression in NIH/3T3 (Cat # L018V1).

Application Data
Detection limit for recombinant GST tagged IRX3 is approximately 1ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to IRX3 on HeLa cell. [antibody concentration 10 ug/ml]

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Immunofluorescence of monoclonal antibody to IRX3 on HeLa cell. [antibody concentration 10 ug/ml]

WB (Western Blot)
IRX3 monoclonal antibody (M05), clone 1D7 Western Blot analysis of IRX3 expression in Hela S3 NE (Cat # L013V3).

ADDITIONAL INFORMATION

Related Product Information for anti-IRX3 antibody	IRX3 is a member of the Iroquois homeobox gene family (see IRX1; MIM 606197) and plays a role in an early step of neural development (Bellefroid et al., 1998 [PubMed 9427753]). Members of this family appear to play multiple roles during pattern formation of vertebrate embryos (Lewis et al., 1999 [PubMed 10370142]). [supplied by OMIM]
Product Categories/Family for anti-IRX3 antibody	Antibodies; Transcription Factors; Homeobox (HOX)

NCBI AND UNIPROT INFORMATION

NCBI GI #	226371735
NCBI GeneID	79191
NCBI Accession #	NP_077312
NCBI GenBank Nucleotide #	NM_024336
UniProt Accession #	P78415
Molecular Weight	52kDa
NCBI Official Full Name	iroquois-class homeodomain protein IRX-3
NCBI Official Synonym Full Names	iroquois homeobox 3
NCBI Official Symbol	IRX3
NCBI Official Synonym Symbols	IRX-1; IRXB1
NCBI Protein Information	iroquois-class homeodomain protein IRX-3
UniProt Protein Name	Iroquois-class homeodomain protein IRX-3
UniProt Gene Name	**IRX3**
UniProt Synonym Gene Names	IRXB1
UniProt Entry Name	IRX3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/irx3-antibody-clone-1d7-immunofluorescence-western-blot-elisa/26335