

Mouse RDH11 Monoclonal Antibody | anti-RDH11 antibody

RDH11 antibody

CATALOG # AAA108241	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

RDH11; Monoclonal Antibody; RDH11 antibody; Monoclonal RDH11; Anti-RDH11; Retinol Dehydrogenase 11; All-Trans/9-Cis/11-Cis; ARSDR1; CGI-82; FLJ32633; HCBP12; MDT1; PSDR1; RALR1; SCALD; RDH 11; RDH-11; anti-RDH11 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1B4
Purity/Purification	RDH11 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	248
Applicable Applications for anti-RDH11 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	RHD11, a member of the short-chain dehydrogenase/reductase (SDR) superfamily of oxidoreductases, is expressed at high levels in prostate epithelium, and its expression is regulated by androgens. RHD11, a member of the short-chain dehydrogenase/reductase (SDR) superfamily of oxidoreductases, is expressed at high levels in prostate epithelium, and its expression is regulated by androgens.
Cross-Reactivity	Human
Immunogen	RDH11 antibody was raised in mouse using a full length recombinant protein of human RDH11 (NP_057110) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant RDH11 protein using RDH11 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of RDH11 protein in paraffin embedded Carcinoma of Human liver tissue using RDH11 antibody

**WB (Western Blot)**

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RDH11 protein (Right) or empty vector (Left) detected with RDH11 antibody

**FCM/FACS (Flow Cytometry)**

Flow Cytometric analysis of HEK293T cells transfected with either recombinant RDH11 protein (red) or empty vector (blue) stained using RDH11 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RDH11 antibody	Mouse monoclonal RDH11 antibody
Product Categories/Family for anti-RDH11 antibody	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	358001101
NCBI GeneID	51109
NCBI Accession #	NP_001239579.1
NCBI GenBank Nucleotide #	NM_001252650.1
Molecular Weight	27,402 Da
NCBI Official Full Name	retinol dehydrogenase 11 isoform 2
NCBI Official Synonym Full Names	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)
NCBI Official Symbol	RDH11
NCBI Official Synonym Symbols	MDT1; CGI82; PSDR1; RALR1; SCALD; ARSDR1; HCBP12; RDJCSS; SDR7C1
NCBI Protein Information	retinol dehydrogenase 11
UniProt Protein Name	Retinol dehydrogenase 11
UniProt Gene Name	RDH11
UniProt Synonym Gene Names	ARSDR1; PSDR1; SDR7C1; RalR1
UniProt Entry Name	RDH11_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/rdh11-antibody-clone-1b4-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/108241>