

Mouse anti-Human, Pig CRos Oncogene 1, Receptor Tyrosine Kinase (ROS1) Monoclonal Antibody | anti-ROS1 antibody

Monoclonal Antibody to CRos Oncogene 1, Receptor Tyrosine Kinase (ROS1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151851	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

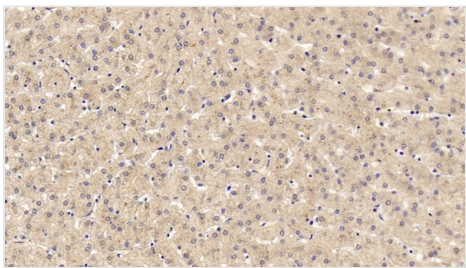
PRODUCT SYNONYMS

CRos Oncogene 1; Receptor Tyrosine Kinase (ROS1); Monoclonal Antibody; Monoclonal Antibody to CRos Oncogene 1; ROS1/CRos Oncogene 1; Receptor Tyrosine Kinase; MCF3; ROS; cRos1; vRos Avian UR2 Sarcoma Virus Oncogene Homolog 1; Protooncogene tyrosineprotein kinase ROS; Receptor tyrosine kinase cros oncogene 1; anti-ROS1 antibody

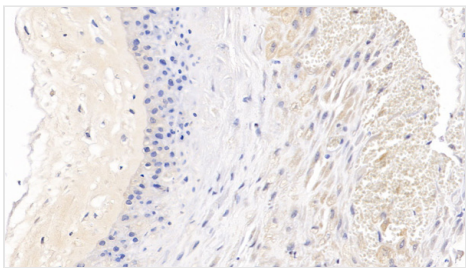
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C3
Specificity	The antibody is a mouse monoclonal antibody raised against ROS1. It has been selected for its ability to recognize ROS1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ROS1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Leu1945-Phe2222
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Liver Tissue; Primary Ab: 30ug/ml Mouse AntiHuman ROS1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Placenta Tissue; Primary Ab: 30ug/ml Mouse AntiHuman ROS1 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-ROS1 antibody	Tumor immunity; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19924165
NCBI GeneID	6098
NCBI Accession #	NP_002935.2
NCBI GenBank Nucleotide #	NM_002944.2
UniProt Accession #	P08922; Q15368; Q5TDB5
Molecular Weight	263,915 Da
NCBI Official Full Name	proto-oncogene tyrosine-protein kinase ROS
NCBI Official Synonym Full Names	ROS proto-oncogene 1, receptor tyrosine kinase
NCBI Official Symbol	ROS1
NCBI Official Synonym Symbols	ROS; MCF3; c-ros-1
NCBI Protein Information	proto-oncogene tyrosine-protein kinase ROS
UniProt Protein Name	Proto-oncogene tyrosine-protein kinase ROS
UniProt Gene Name	ROS1
UniProt Synonym Gene Names	MCF3; ROS
UniProt Entry Name	ROS1_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/cros-oncogene-1-receptor-tyrosine-kinase-ros1-antibody-clone-c3-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151851>