MOX1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MOX1, Polyclonal Antibody
Full Product Name	MOX1 Polyclonal Conjugated Antibody
Product Gene Name	anti-MOX1 antibody
Product Synonym Names	CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	MOX1 polyclonal antibody detects endogenous levels of MOX1 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	32,975 Da
OMIM	AY603771 mRNA
3D Structure	ModBase 3D Structure for P41217
Immunogen	Synthesized peptide derived from the Internal region of human MOX1.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-MOX1 antibody	Most Applications
Application Notes for anti-MOX1 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-MOX1 antibody	MBS9450345 is an antibody targeting MOX1. Also known as MOX1 Polyclonal Conjugated Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-MOX1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MOX1. It may not necessarily be applicable to this product.

NCBI GI #	311033489

NCBI GeneID	4345
NCBI Accession #	P41217.4
UniProt Primary Accession #	P41217
UniProt Secondary Accession #	Q6J2Q6; Q6PIQ4; Q8TB85; Q9H3J3; B3KQI1; B4DLW9; D3DN65
UniProt Related Accession #	P41217
NCBI Official Full Name	OX-2 membrane glycoprotein
NCBI Official Synonym Full Names	CD200 molecule
NCBI Official Symbol	CD200
NCBI Official Synonym Symbols	MRC; MOX1; MOX2; OX-2
UniProt Protein Name	OX-2 membrane glycoprotein
UniProt Synonym Protein Names	CD_antigen: CD200
UniProt Gene Name	CD200
UniProt Synonym Gene Names	MOX1; MOX2
NCBI Protein Information	OX-2 membrane glycoprotein
NCBI Summary for MOX1	This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]
UniProt Comments for MOX1	Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.
Research Articles on MOX1	**1.** correlation of sCD200 serum levels with COPD-related parameters in humans with established disease revealed that the CD200/CD200R axis may be mechanistically linked to the disease course in COPD patients.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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