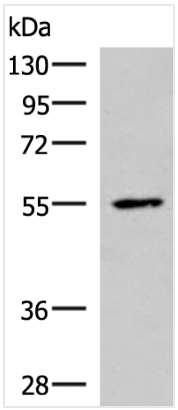
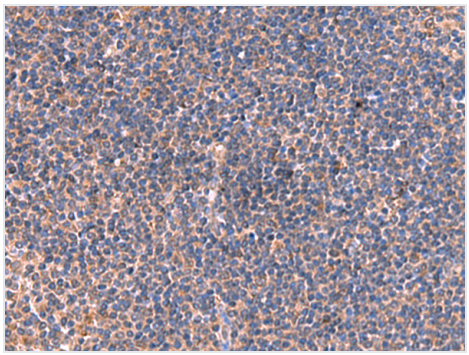
ISM1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ISM1, Polyclonal Antibody
Full Product Name	ISM1 Polyclonal Antibody
Product Gene Name	anti-ISM1 antibody
Product Synonym Names	bA149I18.1; C20orf82; Chromosome 20 open reading frame 82; DJ1077I2.1; ISM; Isthmin 1 angiogenesis inhibitor; Isthmin 1; Isthmin 1 homolog (zebrafish); Isthmin; OTTHUMP00000030295
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	52 kDa
3D Structure	ModBase 3D Structure for B1AKI9
Immunogen	Synthetic peptide of human ISM1
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Product Categories/Family for anti-ISM1 antibody	Cancer
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ISM1 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-ISM1 antibody	WB: 1:1000-1:5000 IHC: 1:40-1:200 ELISA: 1:5000-1:10000
Related Product Information for anti-ISM1 antibody	MBS2561947 is an antibody targeting ISM1. Also known as ISM1 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit. Acts as an angiogenesis inhibitor.
Other Notes	Small volumes of anti-ISM1 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.



Western Blot (WB) of anti-ISM1 antibody
Western blot analysis of HepG2 cell lysate using ISM1 Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry (IHC) of anti-ISM1 antibody
Immunohistochemistry of paraffin-embedded Human tonsil tissue using ISM1 Polyclonal Antibody at dilution of 1:40(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ISM1. It may not necessarily be applicable to this product.

NCBI GI #	17389974
NCBI GeneID	140862
NCBI Accession #	AAH17997.1
UniProt Primary Accession #	B1AKI9
UniProt Related Accession #	B1AKI9
NCBI Official Full Name	ISM1 protein, partial
NCBI Official Synonym Full Names	isthmin 1
NCBI Official Symbol	ISM1
NCBI Official Synonym Symbols	ISM; Isthmin; C20orf82; bA149I18.1; dJ1077I2.1
UniProt Protein Name	Isthmin-1
Protein Family	Isthmin
UniProt Gene Name	ISM1
UniProt Synonym Gene Names	C20orf82; ISM
UniProt Entry Name	ISM1_HUMAN
NCBI Protein Information	isthmin-1
Research Articles on ISM1	**1.** Our study demonstrates a successful pipeline from CNV identification of a candidate gene to functional validation in a vertebrate model system, and reveals Isthmin 1 as both a new human clefting locus as well as a key craniofacial patterning gene.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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