ISG20 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ISG20, Polyclonal Antibody
Full Product Name	ISG20, ID (ISG20, HEM45, Interferon-stimulated gene 20kD protein, Estrogen-regulated transcript 45 protein, Promyelocytic leukemia nuclear body-associated protein ISG20) (MaxLight 750)
Product Gene Name	anti-ISG20 antibody
Product Synonym Names	ISG20; HEM45; Interferon-stimulated gene 20kD protein; Estrogen-regulated transcript 45 protein; Promyelocytic leukemia nuclear body-associated protein ISG20
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	604533
3D Structure	ModBase 3D Structure for Q96AZ6
Immunogen	ISG20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-58 amino acids from the Central region of human ISG20.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-ISG20 antibody	Antibodies; Cancer Markers; Leukemia
Applications Tested/Suitable for anti-ISG20 antibody	Western Blot (WB), FLISA
Application Notes for anti-ISG20 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ISG20 antibody	Exonuclease with specificity for single-stranded RNA and, to a lesser extent for DNA. Degrades RNA at a rate that is approximately 35-fold higher than its rate for single-stranded DNA. Involved in the antiviral function of IFN against RNA viruses.
Product References and Citations for anti-ISG20 antibody	Hao, Y., et al. J. Huazhong Univ. Sci. Technol. Med. Sci. 28(1):11-13(2008). Horio, T., et al. FEBS Lett. 577 (1-2), 111-116 (2004): Espert, L., et al. J. Biol. Chem. 278(18):16151-16158(2003). Izmailova, E., et al. Nat. Med. 9(2):191-197(2003). Nguyen, L.H., et al. Biochemistry 40(24):7174-7179(2001).
Other Notes	Small volumes of anti-ISG20 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.

Searchable Terms for ISG20 purchase	MBS6311046 is an antibody targeting ISG20. Also known as ISG20, ID (ISG20, HEM45, Interferon-stimulated gene 20kD protein, Estrogen-regulated transcript 45 protein, Promyelocytic leukemia nuclear body-associated protein ISG20) (MaxLight 750). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ISG20. It may not necessarily be applicable to this product.

NCBI GI #	6857800
NCBI GeneID	3669
NCBI Accession #	NP_002192.2
UniProt Primary Accession #	Q96AZ6
UniProt Related Accession #	Q96AZ6
GenBank Nucleotide #	NM_002201.4
NCBI Official Full Name	interferon-stimulated gene 20 kDa protein isoform a
NCBI Official Synonym Full Names	interferon stimulated exonuclease gene 20
NCBI Official Symbol	ISG20
NCBI Official Synonym Symbols	CD25; HEM45
UniProt Protein Name	Interferon-stimulated gene 20 kDa protein
UniProt Synonym Protein Names	Estrogen-regulated transcript 45 protein; Promyelocytic leukemia nuclear body-associated protein ISG20
Protein Family	Interferon-stimulated gene 20 kDa protein
UniProt Gene Name	ISG20
UniProt Synonym Gene Names	HEM45
UniProt Entry Name	ISG20_HUMAN
NCBI Protein Information	interferon-stimulated gene 20 kDa protein
Research Articles on ISG20	**1.** we have identified a novel mechanism involving ISG20 induction by T3 via the IL-8/p-JAK2/p-STAT3 signaling pathway to promote tumor angiogenesis in HCC.
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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