REG1A Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	REG1A, Monoclonal Antibody
Full Product Name	REG1A (Regenerating Islet-Derived 1 alpha, ICRF, MGC12447, P19, PSP, PSPS, PSPS1, PTP, REG) (MaxLight 405)
Product Gene Name	anti-REG1A antibody
Product Synonym Names	Regenerating Islet-Derived 1 alpha; ICRF; MGC12447; P19; PSP; PSPS; PSPS1; PTP; REG
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	5F8
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified
Specificity	Recognizes REG1A.
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 amo only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recov of product, centrifuge the original vial prior to removing the cap.
Immunogen	REG1A (AAH05350.1, 23aa-122aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	QEAQTELPQARISCPEGTNAYRSYCYYFNEDRETWVDADLYCQNMNSGNLVSVLTQAEGAFVASLIKESGTDDFNVWIGLHDPKKNRRWHWSSGSLVS
Conjugate	MaxLight405
Product Categories/Family for anti-REG1A antibody	Antibodies; Disease Markers
Applications Tested/Suitable for anti-REG1A antibody	Western Blot (WB)
Application Notes for anti-REG1A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-REG1A antibody	This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigene family grouped into four subclasses, types I, II, III ar IV, based on the primary structures of the encoded proteins. This gene encodes a protein that is secreted by the exocrine pancreas. It is associated wit islet cell regeneration and diabetogenesis and may be involved in pancreatic lithogenesis. Reg family members REG1B, REGL, PAP and this gene are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication. [provided by RefSeq]
Other Notes	Small volumes of anti-REG1A 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 and additional dry ice fee may apply.

Searchable Terms for REG1A purchase	MBS6197606 is an antibody targeting REG1A. Also known as REG1A (Regenerating Islet-Derived 1 alpha, ICRF, MGC12447, P19, PSP, PSPS, PSPS PTP, REG) (MaxLight 405). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for REG1A. It may not necessarily be applicable to this product.

NCBI GI #	13529161
NCBI GeneID	5967
NCBI Accession #	AAH05350.1
UniProt Related Accession #	P05451
NCBI Official Full Name	Regenerating islet-derived 1 alpha
NCBI Official Synonym Full Names	regenerating family member 1 alpha
NCBI Official Symbol	REG1A
NCBI Official Synonym Symbols	P19; PSP; PTP; REG; ICRF; PSPS; PSPS1
Protein Family	Lithostathine
NCBI Protein Information	lithostathine-1-alpha
Research Articles on REG1A	**1.** serum PSP/REG Ialpha levels could be a novel biomarker for assessment of renal function in pregnant women.
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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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/reg1a/6197606