MGC3207 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MGC3207, Monoclonal Antibody
Full Product Name	MGC3207 (Translation Initiation Factor EIF-2B Subunit Alpha/Beta/Delta-Like Protein) (MaxLight 490)
Product Gene Name	anti-MGC3207 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2D11-1G4
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MGC3207.
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
Immunogen	Full length recombinant corresponding to aa1-370 from human MGC3207 (AAH01703) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTLEAIRYSRGSLQILDQLLLPKQSRYEAVGSVHQAWEAIRAMKVRGAPAIALVGCLSLAVELQAGAGGPGLAALVAFVRDKLSFLVTARPTAVNMARAAF
Conjugate	MaxLight490
Product Categories/Family for anti-MGC3207 antibody	Antibodies; Enzymes; Isomerase
Applications Tested/Suitable for anti-MGC3207 antibody	FLISA, Western Blot (WB)
Application Notes for anti-MGC3207 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MGC3207 antibody	Catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P). Independently from catalyt
Other Notes	Small volumes of anti-MGC3207 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nec

Searchable Terms for MGC3207 purchase	MBS6201848 is an antibody targeting MGC3207. Also known as MGC3207 (Translation Initiation Factor EIF-2B Subunit Alpha/Beta/Delta-Like Protein)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MGC3207. It may not necessarily be applicable to this product.

NCBI GI #	12804572
NCBI GeneID	84245
NCBI Accession #	BC001703
NCBI Related Accession #	AAH01703
UniProt Related Accession #	Q9BV20
NCBI Official Full Name	Homo sapiens methylthioribose-1-phosphate isomerase homolog (S. cerevisiae), mRNA
NCBI Official Synonym Full Names	methylthioribose-1-phosphate isomerase 1
NCBI Official Symbol	MRI1
NCBI Official Synonym Symbols	M1Pi; MRDI; MTNA; Ypr118w
NCBI Protein Information	methylthioribose-1-phosphate isomerase
NCBI Summary for MGC3207	This enzyme functions in the methionine salvage pathway by catalyzing the interconversion of methylthioribose-1-phosphate and methythioribulose-1-phosphate. Elevated expression of the encoded protein is associated with metastatic melanoma and this protein promotes melanoma cell invasion independent of its enzymatic activity. Mutations in this gene may be associated with vanishing white matter disease (VMWD). [provided by RefSeq, Jul 2016]
Research Articles on MGC3207	**1.** Elevated expression of EI2BL promoted non-small cell lung cancer cell proliferation, migration and invasion.
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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