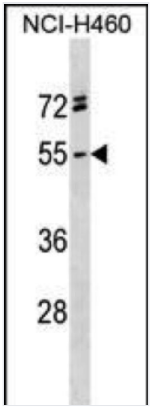
RGMA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RGMA, Polyclonal Antibody
Full Product Name	RGMA, CT (RGMA, RGM, Repulsive guidance molecule A, RGM domain family member A) (MaxLight 490)
Product Gene Name	anti-RGMA antibody
Product Synonym Names	RGMA; RGM; Repulsive guidance molecule A; RGM domain family member A
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 MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human RGMA.
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: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	49347
OMIM	607362
3D Structure	ModBase 3D Structure for Q96B86
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 390-418 in the C-terminal region of human RGMA, Swiss/UniProt Accession: Q96B86.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-RGMA antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-RGMA antibody	Western Blot (WB), FLISA
Application Notes for anti-RGMA antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-RGMA antibody	This gene encodes a member of the repulsive guidance molecule family. The encoded protein is a glycosylphosphatidylinositol-anchored glycoprotein that functions as an axon guidance protein in the developing and adult central nervous system. This protein may also function as a tumor suppressor in some cancers. Alternate splicing results in multiple transcript variants.
Product References and Citations for anti-RGMA antibody	Nohra, R., et al. Genes Immun. 11(4):279-293(2010)Severyn, C.J., et al. Biochem. J. 422(3):393-403(2009). Li, V.S., et al. Gastroenterology 137(1):176-187(2009). Endo, M., et al. J. Neurosci. 29(20):6649-6662(2009). Hata, K., et al. J. Cell Biol. 184(5):737-750(2009).
Other Notes	Small volumes of anti-RGMA 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 RGMA purchase	MBS6341648 is an antibody targeting RGMA. Also known as RGMA, CT (RGMA, RGM, Repulsive guidance molecule A, RGM domain family member A) (MaxLight 490). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RGMA antibody
Western blot analysis in NCI-H460 cell line lysates (35ug/lane) usingMBS6000745. This demonstrates the RGMA antibody detected the RGMA protein (arrow).

ADDITIONAL DETAILS

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

NCBI GI #	261878459
NCBI GeneID	56963
NCBI Accession #	NP_001159758.1
NCBI Related Accession #	NP_001159759.1; NP_001159760.1; NP_001159761.1; NP_064596.2
UniProt Primary Accession #	Q96B86
UniProt Secondary Accession #	Q0JV97; Q8NC80; Q9H0E6; Q9NPM3; B2RTW1; B7Z5S8; F5GXQ7; F5GZU6; G3V518
UniProt Related Accession #	Q96B86
GenBank Nucleotide #	NM_001166286.1
NCBI Official Full Name	repulsive guidance molecule A isoform 2
NCBI Official Synonym Full Names	repulsive guidance molecule family member a
NCBI Official Symbol	RGMA
NCBI Official Synonym Symbols	RGM
UniProt Protein Name	Repulsive guidance molecule A
UniProt Synonym Protein Names	RGM domain family member A
Protein Family	Repulsive guidance molecule
UniProt Gene Name	RGMA
UniProt Synonym Gene Names	RGM
UniProt Entry Name	RGMA_HUMAN
NCBI Protein Information	repulsive guidance molecule A
Research Articles on RGMA	**1.** RGMa expression and promoter methylation status are closely related to colorectal cancer genesis and progression.

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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