Galectin 9c (GAL9C) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Galectin 9C (GAL9C), Polyclonal Antibody
Full Product Name	Biotin-Linked Antibody to Galectin 9C (GAL9C)
Product Gene Name	anti-GAL9C antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	500ug/ml (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against GAL9C conjugated to biotin. It has been selected for its ability to recognize GAL9C in immunohistochemical staining andwestern blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Matching Pairs	Biotin Conjugated Antibody: GAL9C (MBS2002992) Immunogen: GAL9C (MBS2010101)
Matching Pairs	Unconjugated Antibody: GAL9C (MBS2005673) Biotin Conjugated Antibody: GAL9C (MBS2002992)
Molecular Weight	39,607 Da
Chromosome Location	Chromosome: 17; NC_000017.10 (18380099..18398259). Location: 17p11.2
3D Structure	ModBase 3D Structure for Q6DKI2
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Product Categories/Family for anti-GAL9C antibody	Biotin Antibody
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-GAL9C antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-GAL9C antibody	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Related Product Information for anti-GAL9C antibody	MBS2002992 is an antibody targeting GAL9C. Also known as Biotin-Linked Antibody to Galectin 9C (GAL9C). Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-GAL9C 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GAL9C. It may not necessarily be applicable to this product.

NCBI GI #	111494239
NCBI GeneID	654346
NCBI Accession #	NP_001035167.2
UniProt Primary Accession #	Q6DKI2
UniProt Secondary Accession #	B0AZM7
UniProt Related Accession #	Q6DKI2
GenBank Nucleotide #	NM_001040078.2
NCBI Official Full Name	galectin-9C
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 9C
NCBI Official Symbol	LGALS9C
UniProt Protein Name	Galectin-9C
UniProt Synonym Protein Names	Galectin-9-like protein B
UniProt Gene Name	LGALS9C
UniProt Synonym Gene Names	Gal-9C
UniProt Entry Name	LEG9C_HUMAN
NCBI Protein Information	galectin-9C; gal-9C; galectin 9 like; galectin-9-like protein B; lectin, galactoside-binding, soluble, 9 (galectin 9) pseudogene
NCBI Summary for GAL9C	This gene was initially thought to represent a pseudogene of galectin 9; however, this transcript has good exon-intron structure and encodes a predicted protein of the same size as and highly similar to galectin 9. This gene is one of two similar loci on chromosome 17p similar to galectin 9 and now thought to be protein-encoding. This gene is the more telomeric gene. [provided by RefSeq, Jul 2008]
UniProt Comments for GAL9C	LGALS9C: Binds galactosides. Chromosomal Location of Human Ortholog: 17p11.2 Molecular Function: carbohydrate binding
Research Articles on GAL9C	**1.** Specific recognition of Leishmania major poly-beta-galactosyl epitopes by this compound implicates it in interactions between L. major and host cells.
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