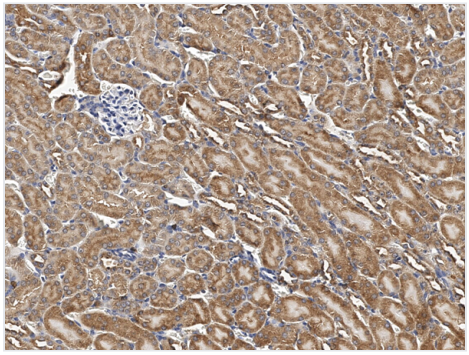
CLEC10A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CLEC10A, Polyclonal Antibody
Full Product Name	Anti-CLEC10A Antibody, Rabbit Polyclonal
Product Gene Name	anti-CLEC10A antibody
Product Synonym Names	CLEC10A Antibody, Rabbit PAb, Antigen Affinity Purified; Anti-CD301a Antibody; Anti-M-ASGP-BP-1 Antibody; Anti-Mgl Antibody; Anti-Mgl1 Antibody; C-type lectin domain family 10, member A
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid. 0.2um filtered solution in PBS
Purity/Purification	Protein A & Antigen Affinity
Specificity	Mouse CLEC10A
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Matching Pairs	Antibody: CLEC10A (MBS8119581) Antigen: CLEC10A (MBS8122932)
Immunogen	Recombinant Mouse CLEC10A Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CLEC10A (rM CLEC10A; NP_001191181.1; Gln58-Ser305). CLEC10A specific IgG was purified by Mouse CLEC10A affinity chromatography.
Applications Tested/Suitable for anti-CLEC10A antibody	ELISA (EIA), Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-CLEC10A antibody	ELISA: 1:5000-1:10,000 IHC-P: 1:100-1:500
Related Product Information for anti-CLEC10A antibody	Background: CLEC10A, also known as the macrophage galactose-type calcium-type lectins (MGLs; CD301) constitute a unique class of C-type lectins because of their specificity for galactose and its structural homologues. MGLs/CD301 is a type II transmembrane glycoproteins and is expressed on macrophages and related cells of myeloid origins, particularly immature dendritic cells (DCs). There are 2 homologues: MGL1 and MGL2 (CD301a and CD301b) in mice. MGL1/CD301a induces both the production and secretion of interleukin (IL)-10. MGL1/CD301a plays a protective role against colitis by effectively inducing IL-10 production by colonic lamina propria macrophages in response to invading commensal bacteria.
Product References and Citations for anti-CLEC10A antibody	Saba K, et al. (2009) A C-type lectin MGL1/CD301a plays an anti-inflammatory role in murine experimental colitis. Am J Pathol. 174(1): 144-52.Suzuki N, et al. (2002) Molecular cloning and expression of cDNA encoding human macrophage C-type lectin: its unique carbohydrate binding specificity for Tn antigen. J Immunol. 1996 ;156: 128-135.Tsuiji M, et al. (2002) Molecular cloning and characterization of a novel mouse macrophage C-type lectin, mMGL2, which has a distinct carbohydrate specificity from mMGL1. J Biol Chem. 277: 28892-28901.Denda-Nagai K, et al. (2002) Macrophage C-type lectin on bone marrow-derived immature dendritic cells is involved in the internalization of glycosylated antigens. Glycobiology. 12: 443-450.

Other Notes	Small volumes of anti-CLEC10A 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 CLEC10A purchase	MBS8119581 is an antibody targeting CLEC10A. Also known as Anti-CLEC10A Antibody, Rabbit Polyclonal. Reactive in Mouse. Host: Rabbit.



Immumohistochemistry (IHC) of anti-CLEC10A antibody
Immunochemical staining of mouse CLEC10A in mouse kidney with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLEC10A. It may not necessarily be applicable to this product.

Protein Family	C-type lectin domain family
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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