



Galectin 10 Mouse mAb

Catalog No	YP-mAb-18869
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CLC
Immunogen	Synthesized peptide derived from human Galectin 10
Specificity	This antibody detects endogenous levels of Galectin 10 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CLC;Charcot Leyden crystal protein;Charcot-Leyden crystal protein;Gal 10;Gal-10;Eosinophil lysophospholipase (Charcot-Leyden crystal protein) (CLC) (Galectin-10) (Gal-10) (Lysolecithin acylhydrolase)
Observed Band	13-16 kDa
Calculated Molecular Weight	142 aa, 16 kDa
Cell Pathway	Cytoplasm, cytosol . Cytoplasmic granule . Localized in granules from where it may be secreted or transported to other locations in the cell.
Tissue Specificity	Expressed abundantly in the bone marrow. Expressed exclusively by eosinophils and basophils. Not detected in monocytes and neutrophils. Expressed in CD25-positive regulatory T-cells (Treg) (at protein level). Found in intestinal tissue from patients with Celiac disease, expression is directly related to the histological grade of mucosal damage and to the number of eosinophils found in the duodenal lesion (at protein level). Found in sputum of patients with eosinophilic inflammatory diseases such as asthma (at protein level).
Function	Regulates immune responses through the recognition of cell-surface glycans. Essential for the anergy and suppressive function of CD25-positive regulatory T-cells (Treg).



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images