

## LY75 Rabbit mAb

Catalog No: #49839

Package Size: #49839-1 50ul #49839-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

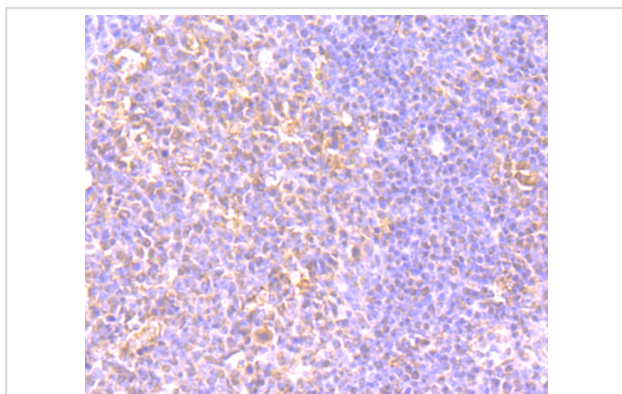
## Description

Product Name	LY75 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB87-35
Purification	ProA affinity purified
Applications	WB,IHC,IP
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Other Names	C-type lectin domain family 13 member B antibody CD 205 antibody CD205 antibody CD205 antigen antibody CLEC 13B antibody CLEC13B antibody DEC 205 antibody DEC-205 antibody DEC205 antibody gp200 antibody gp200 MR6 antibody gp200-MR6 antibody LY 75 antibody Ly-75 antibody LY75 antibody LY75_HUMAN antibody Lymphocyte antigen 75 antibody Renal Cell Carcinoma (gp200) antibody
Accession No.	Swiss-Prot#:O60449
Uniprot	O60449
GeneID	100526664;4065;
Calculated MW	198 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

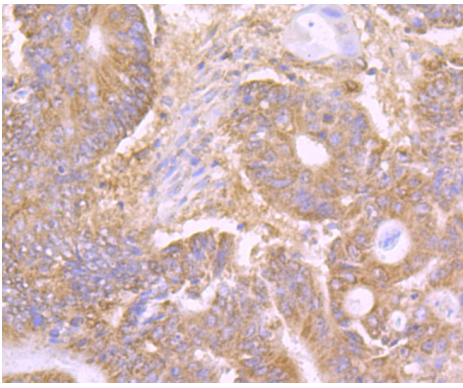
## Application Details

IHC: 1:50-1:200

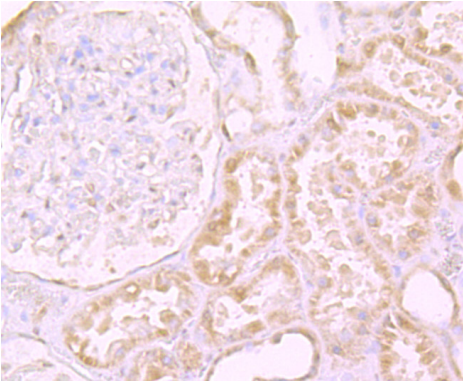
## Images



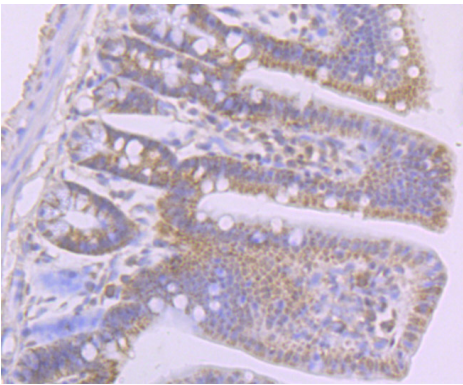
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-LY75 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-LY75 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-LY75 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-LY75 antibody. Counter stained with hematoxylin.

## Background

DEC-205 (LY75, lymphocyte antigen 75, GP200-MR6) is a 1,695 residue (mature form) multilectin receptor that belongs to the MMR (macrophage mannose receptor) family of multidomain molecules. MMR family molecules mediate membrane receptor targeting to endosomes or lysosomes rich in major histocompatibility complex class II (MHC II) products. Expressed in mature dendritic cells (DC), DEC-205 contains an extracellular N-terminal cysteine-rich domain, a fibronectin type II domain, ten C-type carbohydrate recognition domains, a single transmembrane region and a small cytoplasmic C-terminal domain (31 amino acids) containing a tyrosine at 1679. DEC-205 elicits either an agonistic or antagonistic effect on IL-4 function, which is demonstrated by the ability of DEC-205 to imitate IL-4-induced maturation of epithelium or to inhibit IL-4-induced proliferation of T cells, respectively.

## References

Note: This product is for in vitro research use only