Anti-Mast Cell [MCG35]

Catalogue number: 151132
Sub-type: Primary antibody
Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/336d7cff-4aa6-4f5a-9f29-e9c7c6f18e8d.png

Contributor

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Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/336d7cff-4aa6-4f5a-9f29-e9c7c6f18e8d.png

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Mast Cell [MCG35]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: MCG25 is useful for mast cell identification in immunological reactions and hypersensitivity diseases e.g. allergy and asthma. The antigen is found in granule components of mast cells and may also be found intracytoplasmically in human mature small enterocytes, liver parenchymal cells and kidney proximal tubule epithelial cells.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1 kappa
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Spleen cells and bone marrow cells (erythrocyte depleted) from a patient with systemic mastocytosis. The bone marrow preparation consisted of 50% typical mast cells.
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls: The antigen is found in granule components of mast cells.
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Mast cell marker

Target alternate names:

Target background: MCG25 is useful for mast cell identification in immunological reactions and hypersensitivity diseases e.g. allergy and asthma. The antigen is found in granule components of mast cells and may also be found intracytoplasmically in human mature small enterocytes, liver parenchymal cells and kidney proximal tubule epithelial cells.

Molecular weight: 80 kDa

Ic50:

Applications

Application: IHC
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Kim et al. 2008. Nature. 452(7186):478-82. PMID: 18368118. ; Molecular identification of a retinal cell type that responds to upward motion. ; Ng et al. 1999. EMBO J. 18(14):3909-23. PMID: 10406796. ; PKCalpha regulates beta1 integrin-dependent cell motility through association and control of integrin traffic. ; Young et al. 1988. Eur J Biochem. 173(1):247-52. PMID: 2451608. ; A monoclonal antibody recognising the site of limited proteolysis of protein kinase C. Inhibition of down-regulation in vivo.