

Datasheet for 618-101-007**Ferret IgM (mu chain) Antibody****Overview**

Description:	Goat Anti-Ferret IgM (mu chain) Antibody - 618-101-007
Item No.:	618-101-007
Size:	1 mg
Reactivity:	Ferret
Host Species:	Goat

Product Details

Background:	Anti-Ferret IgM antibody specifically detects ferret IgM. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 immunoglobulins together, the approximate molecular weight of IgM is 900kDa and possesses 10 binding sites (though due to the size of most antigens, not all sites are capable of binding at once). Due to this large size, IgM is typically isolated to the serum. Anti-Ferret IgM antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.
Synonyms:	goat anti Ferret IgM mu chain Antibody, goat anti ferret IgM mu
Host Species:	Goat
Specificity:	IgM μ chain
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Ferret
Immunogen:	Ferret IgM whole molecule
Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Ferret IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Ferret IgM and Ferret Serum. No reaction was observed against other ferret heavy or light chain proteins.

Application Details

Application Note:	Anti-Ferret IgM antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:2,000 - 1:10,000
IHC:	1:200 - 1:1,000
WB:	1:500 - 1:2,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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