Anti-murine Factor VIII

Clone GMA-780

Murine factor VIII (FVIII) shows a high level of sequence homology to human FVIII. Absent or defective FVIII is the cause of the X-linked recessive bleeding disorder hemophilia A. Potential therapeutics for the treatment of hemophilia utilize mouse models for preclinical studies. GMA-780 is suitable for ELISA, Western blotting, and can be paired with GMA-781.

Description

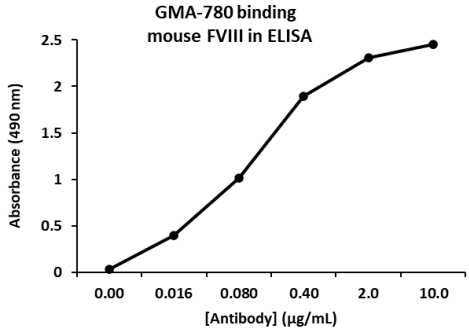
Antibody Source:	rat monoclonal, IgG_{2a}
Antigen Species Bound:	mouse
Specificity:	mouse FVIII
Immunogen:	mouse FVIII

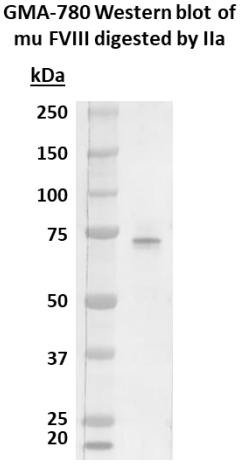
Formulation and Storage

Purity:	Purified by protein G affinity chromatography from serum-free cell culture supernatant.
Product Formulation:	Lyophilized from a ≥1 mg/ml solution in 20 mM NaH_2PO_4 0.15 M NaCl, 1.0% (w/v) mannitol, pH 7.4. Concentration determined by absorbance measurement at 280 nm and using an extinction coefficient of 1.4 ($\varepsilon_{0.1\%}$).
Reconstitution:	Reconstitute with deionized water.
Storage:	Store lyophilized or reconstituted and aliquoted material at -20°C for prolonged periods. Avoid freeze-thaw cycles. Alternatively, add 0.02% (w/v) sodium azide to reconstituted solution and store at 4°C.
Country of origin:	USA
Size Options:	0.1 mg or 0.5 mg

Applications

Working Concentration:	Approximately 1-5 µg/ml. Researcher should titer antibody in specific assay.
ELISA:	Binds immobilized mouse FVIII.
Immunoblotting:	Binds mouse FVIII under reduced conditions.
Inhibition:	Not inhibitory in Bethesda assay.





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