

DESCRIPTION

Species Reactivity	Human
Specificity	Detects Fetuin A/AHSG in ELISAs and Western blots. In sandwich immunoassays, no cross-reactivity or interference with recombinant mouse (rm) Fetuin A, recombinant human (rh) MMP-2, rhMMP-9, rhTGF-β1, rhTGF-β2, rhCathepsin V, rhBMP-2, -4, or -6 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 162919
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Fetuin A/AHSG Ala19-Val367 (predicted) Accession # P02765
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the [Technical Information](#) section on our website.

Human Fetuin A/AHSG Sandwich Immunoassay		Reagent
ELISA Capture	2-8 μg/mL	Human Fetuin A/AHSG Antibody (Catalog # MAB11841)
ELISA Detection	0.1-0.4 μg/mL	Human Fetuin A/AHSG Biotinylated Antibody (Catalog # BAF1184)
Standard		Recombinant Human Fetuin A/AHSG (Catalog # 1184-PI)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Fetuin A, also named Alpha 2-Heremans Schmid Glycoprotein (AHSG), is an abundant plasma protein that is a member of the cystatin superfamily.