

#### DESCRIPTION

|                           |                                                                                                                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Human                                                                                                                                                                                                                                                                       |
| <b>Specificity</b>        | 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 i                       |
| <b>Source</b>             | Monoclonal Mouse IgG <sub>2B</sub> Clone # 162919                                                                                                                                                                                                                           |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                  |
| <b>Immunogen</b>          | Mouse myeloma cell line NS0-derived recombinant human Fetuin A/AHSG<br>Ala19-Val367 (predicted)<br>Accession # P02765                                                                                                                                                       |
| <b>Conjugate</b>          | Alexa Fluor 350<br>Excitation Wavelength: 346 nm<br>Emission Wavelength: 442 nm                                                                                                                                                                                             |
| <b>Formulation</b>        | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

#### 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.

**ELISA Capture (Matched Antibody Pair)** Optimal dilution of this antibody should be experimentally determined.

**ELISA Detection (Matched Antibody Pair)** Optimal dilution of this antibody should be experimentally determined.

#### PREPARATION AND STORAGE

**Shipping** The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage** Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

#### BACKGROUND

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

#### PRODUCT SPECIFIC NOTICES

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