

DESCRIPTION

Species Reactivity	Human
Specificity	Detects recombinant human (rh)Serpin A3 in direct ELISAs and Western blots. In these formats, this antibody shows 5 - 25% cross-reactivity with rhSerpins A1 and A5 but no cross-reactivity with rhSerpins C1, D1, or F2.
Source	Monoclonal Mouse IgG _{2A} Clone # 213907
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Serpin A3 aa 26-423 Accession # P01011
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.

Western Blot 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

Serpin A3, also called α 1-Antichymotrypsin, is a major constituent of the plaques associated with Alzheimer's disease. Deficiency in Serpin A3 activity is associated with chronic obstructive pulmonary disease.

PRODUCT SPECIFIC NOTICES

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