Mouse Serpin A6 Alexa Fluor® 488-conjugated Antibody

Monoclonal Rat IgG_{2B} Clone # 433903

Catalog Number: FAB4065G

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Serpin A6 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant mouse Serpin A1, A5, B8, C1, D1, E1, E2, F1, F2, I1, recombinant human Serpin A3, A4, B6, B9, G1, I2, or recombinant rat Serpin A6 is o
Source	Monoclonal Rat IgG_{2B} Clone # 433903
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Serpin A6 Val23-Ala397 Accession # Q06770
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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 A6 (also known as corticosteroid-binding globulin/CBG and Transcortin) is a 50-60 kDa, secreted glycoprotein member of the serpin family of protease inhibitors. It is produced by hepatocytes and transports > 90% of circulating cortisol. Although Serpin A6 is a serpin family member, it shows no protease inhibition. Mature mouse Serpin A6 is 375 amino acids (aa) in length. Over aa 23-397, mouse Serpin A6 shares 78% and 57% aa sequence identity with rat and human Serpin A6, respectively.

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