

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse ADAM33 Ectodomain in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant mouse (rm) ADAM8, rmADAM10, and rmADAM15 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse ADAM33 Ectodomain Glu205-Ala702 Accession # Q923W9
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.
Immunoprecipitation	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

ADAM33 is a widely expressed member of the ADAM family of transmembrane proteins. It contains a metalloprotease-like domain, disintegrin cell adhesion domain, and cysteine rich domain. ADAM33 is involved in the maintenance of airway function, and ADAM33 polymorphisms have been associated with asthma susceptibility and bronchial hyperresponsiveness. Within the mature ectodomain, human and mouse ADAM33 share 79% amino acid sequence identity.

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