

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Serpin B8/Proteinase Inhibitor 8 in direct ELISAs and Western blots. In Western blots, approximately 10% cross-reactivity with recombinant human (rh) Serpin B8, rhSerpin B9, and rhSerpin B6 is observed and less than 1% cross-r
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Serpin B8/Proteinase Inhibitor 8 Asp2-Pro374 Accession # O08800
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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

Serpin B8, also known as Proteinase Inhibitor 8 (PI8) and cytoplasmic antiproteinase 2 (CAP2), is a member of the Serpin superfamily of the serine protease inhibitors (1). It inhibits furin, a ubiquitously expressed convertase that processes many pro-proteins (2). Distribution of Serpin B8 alters during kidney regeneration, indicating that it plays a role in inflammation or tissue repair (3).

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