

DESCRIPTION

Species Reactivity	Human
Specificity	Detects recombinant human SLPI in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse SLPI is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 20409
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human SLPI Accession # P03973
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

SLPI is a member of the Serpin family and is primarily expressed in secretory glandular epithelial cells. It is found in various secretory fluids and functions as a potent inhibitor of many proteolytic enzymes. SLPI can modulate cell proliferation and has been shown to have anti-inflammatory, anti-viral, and anti-bacterial activities (1, 2).

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