

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse TSLP in ELISAs and Western blots. In Western blots, this antibody does not cross-react with recombinant mouse IL-7 or recombinant human TSLP.
Source	Monoclonal Rat IgG _{2A} Clone # 152640
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse TSLP Tyr20-Glu140 Accession # Q9JIE6
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.

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
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

TSLP is an IL-7 related cytokine secreted by multiple tissues. It interacts with the heterodimeric receptor complex consisting of IL-7 R α and TSLP R. Mouse TSLP stimulates the growth of thymocytes and mature T cells and also supports B cell lymphopoiesis.

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