

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL-17 RA/IL-17 R in direct ELISAs and Western blots. Shows 50-100% cross-reactivity with recombinant human IL-17 RA/IL-17 R and no cross-reactivity with recombinant mouse IL-17B R.
Source	Monoclonal Rat IgG _{2B} Clone # 105828
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse IL-17 RA/IL-17 R Extracellular domain Accession # Q60943
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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

IL-17 R, also known as IL-17 RA, is a widely expressed 120 kDa glycosylated type I protein that plays a central role in inflammatory responses. IL-17 R associates with IL-17 RC to form a signaling receptor complex for IL-17 and IL-17F. IL-17 R ligation promotes T cell activation and the production of IL-6, G-CSF, SCF, and multiple proinflammatory chemokines. Within the ECD, human IL-17 R shares 72% aa sequence identity with mouse and rat IL-17 R.

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