

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse TGF-β RII in direct ELISAs and Western blots. In direct ELISAs, this antibody does not cross-react with recombinant rat MIS RII, recombinant mouse TGF-β RI, recombinant human (rh) TGF-β RII, rhTGF-β RIIB, or rhTGF-β RIIL.
Source	Monoclonal Rat IgG _{2B} Clone # 129502
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse TGF-β RII Ile24-Asp184 Accession # Q62312
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

TGF-β RII is a membrane-bound serine/threonine kinase. It associates with TGF-β RI to generate a heterodimeric signaling complex that transduces TGF-β signals. This receptor binds TGF-β1 and TGF-β3 with high affinity and TGF-β2 with much lower affinity and is expressed by most cell types.

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