Human TGF-β RII Alexa Fluor® 532-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 176507

Catalog Number: FAB2412X

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TGF-β RII in sandwich ELISAs.
Source	Monoclonal Mouse IgG_{2A} Clone # 176507
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human TGF-β RII Thr23-Asp184 Accession # NP_001020018
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.*

ELISA	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. Upon ligand binding, TGF-β RII interacts with TGF-β RI to form the heteromeric signaling complex that transduces TGF-β signals. A splice variant of the type II receptor, TGF-β RIIb, containing a 25 amino acid residue insertion near the N-terminus of the mature protein has also been described.

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