Human TGF-β RII Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 176510

Catalog Number: FAB2411T

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TGF-β RII and TGF-β RIIb in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody does not cross-react with recombinant human TGF-β RIII, recombinant mouse (rm) TGF-β RII, or rmTGF-β RI.
Source	Monoclonal Mouse IgG_1 Clone # 176510
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human TGF-β RII isoform 2 Thr23-Asp184 Accession # NP_001020018
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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. 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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