

Human TGF-β RII Fluorescein-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: FAB2411F 100 TESTS, 25 TESTS

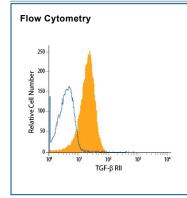
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human TGF-β RII in direct ELISAs and Western blots. In direct ELISAs, less than 5% cross-reactivity with recombinant mouse		
	(rm) TGF-β RII and less than 1% cross-reactivity with recombinant human TGF-β RIII and rmTGF-β RI is observed.		
Source	Polyclonal Goat IgG		
Purification	Antigen Affinity-purified		
Immunogen	Mouse myeloma cell line NS0-derived recombinant human TGF-β RII Ile24-Asp159 Accession # P37173.2		
Conjugate	Fluorescein Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Shee (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.

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	See Below

DATA



Detection of TGF-β RII in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with Goat Anti-Human TGF-β RII Fluorescein-conjugated Antigen Affinity-purified Polyclonal Antibody (Catalog # FAB2411F, filled histogram) or isotype control antibody (Catalog # IC108F, open histogram). View our protocol for Staining Membrane-associated Proteins.

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.

