

Human TGF-β RII Fluorescein-conjugated Antibody

Monoclonal Mouse IgG, Clone # 25508

Catalog Number: FAB241F 100 TESTS, 25 TESTS

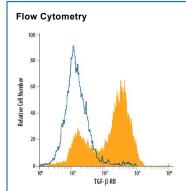
DESCRIPTION		
Species Reactivity	Human	
Specificity	This antibody has been validated by flow cytometry on TGF-β RII-transfected cells only. In contrast to Catalog # FAB2411F, minimal staining of PBMC lymphocytes was observed with this antibody.	
Source	Monoclonal Mouse IgG ₁ Clone # 25508	
Purification	Protein A or G purified from hybridoma culture supernatant	
Immunogen	Mouse myeloma cell line NS0-derived recombinant human TGF-beta 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 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.

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

DATA



Detection of TGF- β RII in NS0 Mouse Cell Line Transfected with TGF- β RII by Flow Cytometry. NS0 mouse myeloma cell line transfected with TGF- β RII was stained with Mouse Anti-Human TGF- β RII Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB241F, filled histogram) or isotype control antibody (Catalog # IC002F, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

ShippingThe 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.

