

DESCRIPTION

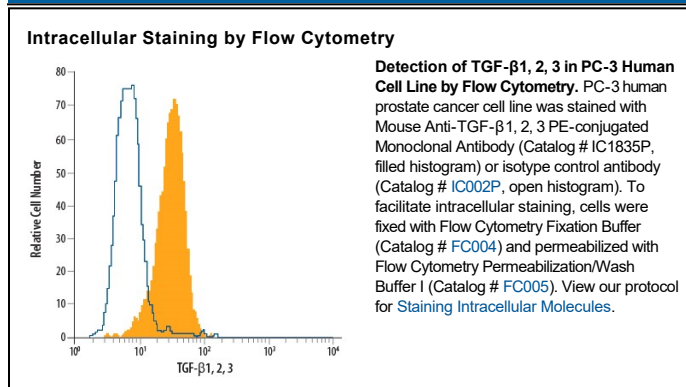
Specificity	Detects bovine, chicken, mouse, and human TGF-β in ELISAs and Western blots. It recognizes human TGF-β1, TGF-β2, and TGF-β3.
Source	Monoclonal Mouse IgG ₁ Clone # 1D11
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Bovine bone-derived TGF-β1 and TGF-β2
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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
Intracellular Staining by Flow Cytometry	10 μL/10 ⁶ cells	See Below

DATA



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-β1, -2, and -3 are a closely related group of proteins (70-80% sequence homology) that are produced by many cell types and function as growth and differentiation factors. The active forms of TGF-β1, -2, and -3 are disulfide-linked homodimers.

References:

1. Ayala A. *et al.* (1992) *FASEB J.* **6**:A1604.
2. Roberts A.B. and Sporn M.B., eds. (1990) *Peptide Growth Factors and Their Receptors I*, Springer-Verlag, 419.
3. Dasch J.R. *et al.* (1989) *J. Immunol.* **142**:1536.