

DESCRIPTION

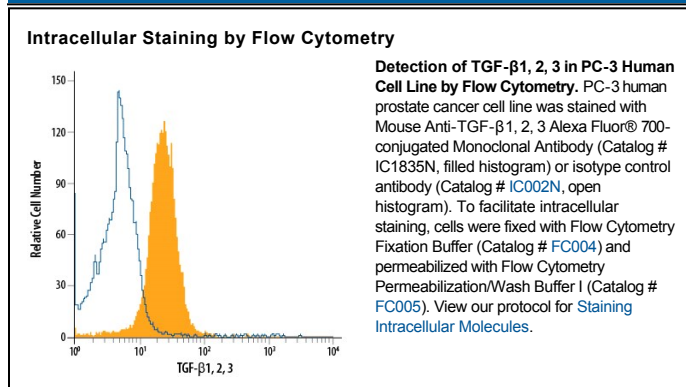
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|---------------------|--|
| Specificity | Detects bovine, chicken, mouse, and human TGF- β in ELISAs and Western blots. It recognizes human TGF- β 1, TGF- β 2, and TGF- β 3. |
| Source | Monoclonal Mouse IgG ₁ Clone # 1D11 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Bovine bone-derived TGF- β 1 and TGF- β 2 |
| Conjugate | Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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 | 5 μ L/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. <ul style="list-style-type: none"> ● 12 months from date of receipt, 2 to 8 °C as supplied. |

BACKGROUND

TGF- β 1, -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- β 1, -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.

PRODUCT SPECIFIC NOTICES

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