

#### DESCRIPTION

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| <b>Specificity</b>  | Detects bovine, chicken, mouse, and human TGF-β in ELISAs and Western blots. It recognizes human TGF-β1, TGF-β2, and TGF-β3.                                                                                                                                                |
| <b>Source</b>       | Recombinant Monoclonal Mouse IgG <sub>1</sub> Clone # 1D11R                                                                                                                                                                                                                 |
| <b>Purification</b> | Protein A or G purified from cell culture supernatant                                                                                                                                                                                                                       |
| <b>Immunogen</b>    | Bovine bone-derived TGF-β1 and TGF-β2                                                                                                                                                                                                                                       |
| <b>Conjugate</b>    | Alexa Fluor 594<br>Excitation Wavelength: 590 nm<br>Emission Wavelength: 617 nm                                                                                                                                                                                             |
| <b>Formulation</b>  | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*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.

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| <b>Neutralization</b> | Optimal dilution of this antibody should be experimentally determined. |
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#### PREPARATION AND STORAGE

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| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| <b>Stability &amp; Storage</b> | 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.

#### PRODUCT SPECIFIC NOTICES

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