

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human TRADD in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BAFF R, rhTNF R1, rhHVEM, rhLTβ R, rhCD30, rhGITR, rh4-1BB, rhDR3, rhDR6, rhRANK, rhRELT, rhTAJ, rhEDAR, rhFas, recombinant mouse (rm) DC-TRAIL R1, rmDC-TRAIL R2, rhTRAIL R3, rhTRAIL R4, rhNGF R, rhCD27, rhTNF RII, rhTWEAK R, rhTRAIL R2, or rhCD40 is observed. |
| Source | Monoclonal Mouse IgG _{2A} Clone # 313203 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | <i>E. coli</i> -derived recombinant human TRADD Met1-Ala312 Accession # Q15628 |
| Conjugate | Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm |
| Formulation | Supplied 0.2 mg/mL 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 | 0.25-1 µg/10 ⁶ cells | Human peripheral blood lymphocytes fixed with paraformaldehyde and permeabilized with saponin |

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

TRADD (TNF R1A-associated death domain protein) is a 34 kDa protein that is expressed nearly ubiquitously. TRADD functions as an adaptor protein associating with the cytoplasmic domain of TNF receptor 1 or to another adaptor, FADD (Fas-interacting DD) to form the DISC (death inducing signaling complex). Human TRADD is an alpha-helical, Greek key, death domain-containing protein that is 77% identical to both mouse and rat TRADD.

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