

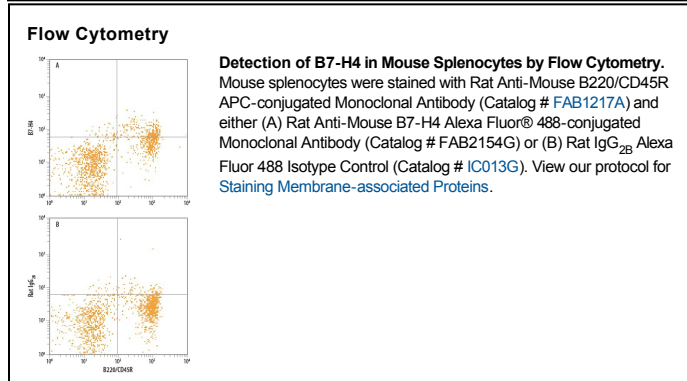
| DESCRIPTION | |
|---------------------------|--|
| Species Reactivity | Mouse |
| Specificity | Detects mouse B7-H4 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant mouse (rm) B7-1, rmB7-2, rmB7-H1, rmB7-H2, rmB7-H3, recombinant human (rh) B7-H3b, rhB7-H4, or rmPD-L2 is observed. |
| Source | Monoclonal Rat IgG _{2B} Clone # 297219 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant mouse B7-H4 Phe29-Pro258 Accession # Q7TSP5 |
| Conjugate | Alexa Fluor 488 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 | 5 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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied. |

BACKGROUND

B7-H4, also known as B7x and B7S1, belongs to the B7 family of costimulatory proteins and contains two extracellular Ig-like domains. B7-H4 is expressed on T cells, B cells, monocytes/macrophages, dendritic cells, and some tumor cells. B7-H4 signaling inhibits T cell activation, proliferation and maturation.

PRODUCT SPECIFIC NOTICES

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