

For Research Use Only

CoraLite® Plus 750-conjugated CD20 Monoclonal antibody



Catalog Number:CL750-60271

Basic Information

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|---|--|---|
| Catalog Number: CL750-60271 | GenBank Accession Number: BC002807 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 931 | CloneNo.: 4A7G3 |
| Source: Mouse | Full Name: membrane-spanning 4-domains, subfamily A, member 1 | Excitation/Emission maxima wavelengths: 755 nm / 780 nm |
| Isotype: IgG2b | Calculated MW: 297 aa, 33 kDa | |
| Immunogen Catalog Number: AG17309 | Observed MW: 35 kDa | |

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

CD20 is a 33-37 kDa transmembrane phosphoprotein. CD20 is a B-lymphocyte surface molecule that is widely expressed during B-cell ontogeny, from early pre-B-cell developmental stages until final differentiation into plasma cells. CD20 functions as calcium-permeable cation channel. It is involved in the regulation of B-cell activation and proliferation. CD20 serves as a useful target for antibody-mediated therapeutic depletion of B-cells.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

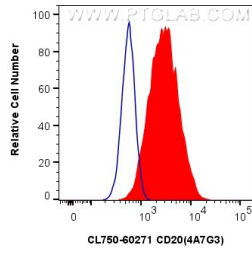
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ Daudi cells were intracellularly stained with 0.8 ug CoraLite® Plus 750 Anti-Human CD20 (CL750-60271, Clone: 4A7G3) (red), or 0.8 ug CoraLite® Plus 750 Mouse IgG2b Isotype Control (MPC-11) (CL750-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).