For Research Use Only

CoraLite® Plus 555 Anti-Human CD20 (2H7)

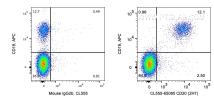


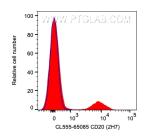
Catalog Number: CL555-65085

| Basic Information | Catalog Number: CL555-65085 | GenBank Accession Number: BC002807 | Purification Method: Affinity purification |
|------------------------|---|---|---|
| | Size: 100tests, 5 µl/test | GenelD (NCBI): 931 | CloneNo.: 2H7 |
| | Source: Mouse | Full Name: membrane-spanning 4-domains, subfamily A, member 1 Calculated MW: 297 aa, 33 kDa | Excitation/Emission maxima wavelengths: 554 nm / 570 nm |
| | Isotype: IgG2b, kappa | | |
| Applications | Tested Applications: FC | | |
| | Species Specificity: Human | | |
| Background Information | CD20 is a 33-37 kDa transmembrane phosphoprotein belonging to the membrane-spanning 4A family (PMID: 3260267; 16785532). 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 (PMID: 7524522). CD20 functions as calcium-permeable cation channel (PMID: 7684739). It is involved in the regulation of B-cell activation, proliferation and differentiation (PMID: 7524522). | | |
| Storage | Storage: Store at 2-8°C. Avoid exposure to L Storage Buffer: PBS with 0.09% sodium azide and | ight. Stable for one year after shipment 0.5% BSA. | |

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

Selected Validation Data





1X10^6 human PBMCs were surface co-stained with APC Anti-Human CD19 and 5 ul CoraLite® Plus 555 Anti-Human CD20 (CL555-65085, Clone:2H7) or Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5). Cells were not fixed. Lymphocytes were gated.

1X10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 555 Anti-Human CD20 (CL555-65085, Clone:2H7) or Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5). Cells were not fixed. Lymphocytes were gated.