

Store at
-20°C
#32523

Whitlow/218 Linker (E3U7Q) Rabbit mAb (Biotinylated)



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For Research Use Only. Not for Use in Diagnostic Procedures.

| Applications: FC-L | Reactivity: All | Sensitivity: Transfected Only | Source/Isotype: Rabbit IgG |
|----------------------------------|---|----------------------------------|-------------------------------|
| Product Usage Information | Application Flow Cytometry (Live) | | Dilution 1:50 |
| Storage | Supplied in 136 mM NaCl, 2.6 mM KCl, 12 mM sodium phosphate (pH 7.4) dibasic, 2 mg/mL BSA, and 50% glycerol. Store at -20°C. <i>Do not aliquot the antibody.</i> | | |
| Specificity/Sensitivity | Whitlow/218 Linker (E3U7Q) Rabbit mAb (Biotinylated) recognizes exogenously expressed levels of scFv-based CARs containing a Whitlow/218 linker. | | |
| Source / Purification | Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues of the Whitlow/218 linker peptide. | | |
| Description | This Cell Signaling Technology antibody is conjugated to biotin under optimal conditions. The biotinylated antibody is expected to exhibit the same species cross-reactivity as the unconjugated Whitlow/218 Linker (E3U7Q) Rabbit mAb #57710. | | |
| Background | The Whitlow/218 peptide is a commonly used linker that connects the variable heavy (VH) domain and variable light (VL) domain of single-chain variable fragments (scFvs) and chimeric antigen receptors (CARs) that utilize an extracellular domain scFv for target antigen recognition. The Whitlow/218 linker affords the scFv with enhanced resistance to proteolysis and aggregation (1). | | |
| Background References | 1. Whitlow, M. et al. (1993) <i>Protein Eng</i> 6, 989-95. | | |

Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Applications Key **FC-L:** Flow Cytometry (Live)

Cross-Reactivity Key **All:** All Species Expected

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