

Store at
-20°C

#57710

Whitlow/218 Linker (E3U7Q) Rabbit mAb



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

Applications:	Reactivity:	Sensitivity:	Source/Isotype:
W-S, FC-L	All	Transfected Only	Rabbit IgG
Product Usage Information	Application		Dilution
	Simple Western™		1:10
	Flow Cytometry (Live)		1:100 - 1:400
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA, 50% glycerol, and less than 0.02% sodium azide. Store at -20°C. <i>Do not aliquot the antibody.</i>		
	For a carrier free (BSA and azide free) version of this product see product #66159.		
Specificity/Sensitivity	Whitlow/218 Linker (E3U7Q) Rabbit mAb recognizes exogenously expressed levels of scFv-based CARs containing a Whitlow/218 linker. This antibody is not approved for traditional Western blot analysis.		
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 tested in-house for indirect flow cytometric analysis in human cells and is expected to react with cell surface expressed CARs of varying specificity, which contain a Whitlow/218 linker within the scFv of the extracellular domain.		
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	W-S: Simple Western™ FC-L: Flow Cytometry (Live)
Cross-Reactivity Key	All: All Species Expected
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