

Product Datasheet

Talacotuzumab Biosimilar (IL-3Ra / CD123 Reference Antibody) (orb2703880)

Catalog Number	orb2703880
Category	Antibodies
Description	<p>Talacotuzumab (JNJ 56022473; CSL 362) is an IgG1-type fully humanized, CD123-neutralizing monoclonal antibody containing a modified Fc structure. Talacotuzumab has KDs of 0.43 nM, 188 nM, 46 nM, 16.8 nM for CD123, CD32b/c, CD16-158F, CD16-158V, respectively. Talacotuzumab inhibits IL-3 binding to CD123, antagonizing IL-3 signaling in target cells. Talacotuzumab has mutated the Fc region to increase affinity for CD16 (FcγRIIIa), thereby enhancing antibody-dependent cell-mediated cytotoxicity (ADCC). Talacotuzumab is highly effective in vivo reducing leukemic cell growth in acute myeloid leukemia (AML) xenograft mouse models.</p>
Target	Talacotuzumab Biosimilar Anti-IL-3Ra / CD123 Reference Antibody
Clonality	Monoclonal
Conjugation	Unconjugated
Purity	>98%
Antibody Type	Biosimilar Antibody
CAS Number	1826831-79-1
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

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