

Datasheet for ABIN7581306

Recombinant anti-CD52 (Alemtuzumab Biosimilar) antibody



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Overview

Quantity:	1 mg
Target:	CD52 (Alemtuzumab Biosimilar)
Reactivity:	Human
Host:	Human
Expression System:	CHO Cells
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD52 (Alemtuzumab Biosimilar) antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA, Surface Plasmon Resonance (SPR), Functional Studies (Func), Bio-Layer Interferometry (BLI)

Product Details

Purpose:	Anti-CD52 Reference Antibody (alemtuzumab)
Sequence:	QVQLQESGPG LVRPSQTLSTCTVSGFTFTDFYMNWVRQP PGRGLEWIGF IRDKAKGYTT EYNPSVKGRV TMLVDTSKNQ FSLRLSSVTA ADTAVYYCAR EGHTAAPFDY WGQGSGLTVTS SASTKGPSVF PLAPSSKSTS GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSVV TVPSSSLGTQ TYICNVNHKP SNTKVDKKVE PKSCDKHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPPP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K,DIQMTQSPSS LSASVGDRVT ITCKASQNIQ KYLNWYQKPK GKAPKLLIYN TNNLQTGVPS RFSGSGSGTD FTFTISSLPQ EDIATYYCLQ

Product Details

	HISRPRFTGQ GTKVEIKRTV AAPSVFIFPP SDEQLKSGTA SVVCLLNNFY PREAKVQWKV DNALQSGNSQ ESVTEQDSKD STYLSSTLT LSKADYEKHK VYACEVTHQG LSSPVTKSFN RGEK
Isotype:	IgG1
Characteristics:	Anti-CD52 Reference Antibody (alemtuzumab) is expressed from CHO. The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.
Purity:	>95 %

Target Details

Target:	CD52 (Alemtuzumab Biosimilar)
Abstract:	CD52 (Alemtuzumab Biosimilar) Products
Target Type:	Biosimilar
Molecular Weight:	145.5 kDa
UniProt:	P31358

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Therapeutic Agents by Target and Mechanism: CD52 inhibitors, ADCC, complement-dependent cytotoxicity
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	1 mg/mL
Buffer:	25 mM histidine, 8 % sucrose, 0.01 % Tween80 pH 6.2
Storage:	4 °C,-80 °C
Storage Comment:	+4°C,-80°C