



[Go to Product page](#)

Datasheet for ABIN5668046

Recombinant anti-CD40L (Ruplizumab Biosimilar) antibody

1 Image

Overview

Quantity:	200 µg
Target:	CD40L (Ruplizumab Biosimilar)
Reactivity:	Human
Host:	Human
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD40L (Ruplizumab Biosimilar) antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Blocking Reagent (BR)

Product Details

Immunogen:	Human CD40L
Clone:	Hu5c8
Isotype:	IgG1 kappa
Specificity:	The antibody binds to CD40L with an IC50 of 0.845 µg/mL.
Characteristics:	OriginalSpeciesName: Human OriginalFormat: IgG1
Purification:	Purified antibody.
Purity:	> 98 % as determined by SDS-PAGE
Endotoxin Level:	Endotoxin is < 1.0 EU/mg as determined by the LAL method

Target Details

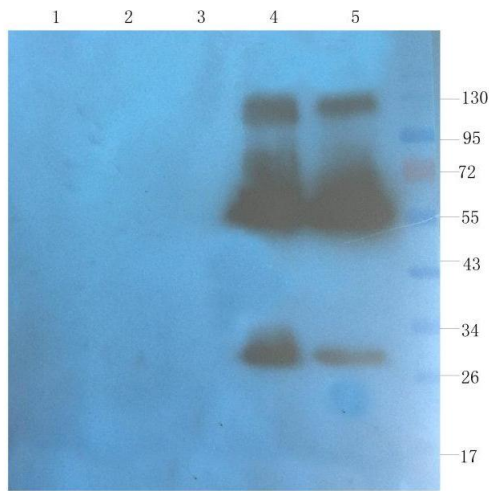
Target:	CD40L (Ruplizumab Biosimilar)
Abstract:	CD40L (Ruplizumab Biosimilar) Products
Target Type:	Biosimilar
Background:	CD154, CD40 ligand, tumour necrosis factor ligand superfamily member 5, TNFSF5, tumour necrosis factor related activation protein, TRAP
UniProt:	P29965

Application Details

Application Notes:	The antibody binds specifically to CD40L, a surface receptor expressed on activated T cells which acts as a costimulatory molecule to trigger immune responses. The antibody neutralises CD40L function, as it blocks the interaction between CD40 and CD40L. When injected into cynomolgus monkeys, the original therapeutic antibody was found to have a T1/2 of 531? ±?155 hours.
Comment:	NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar.
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



Western Blotting

Image 1. Western Blot using anti-OX40L antibody Rat spleen (lane 1), rat muscle (lane 2), rat bladder (lane 3), human breast tumour (lane 4) and human thyroid tumour (lane 5) samples were resolved on a 10% SDS PAGE gel and blots probed with at 1 $\mu\text{g/ml}$ before being detected by a secondary antibody. The expected band size (29 kDa) is seen in the human-derived samples, as well as bands corresponding to dimers and other multimers.