

Product datasheet for **TA385961**

CD40L (CD40LG) Human Monoclonal Antibody [Clone ID: hu5c8 (Ruplizumab)]

Product data:

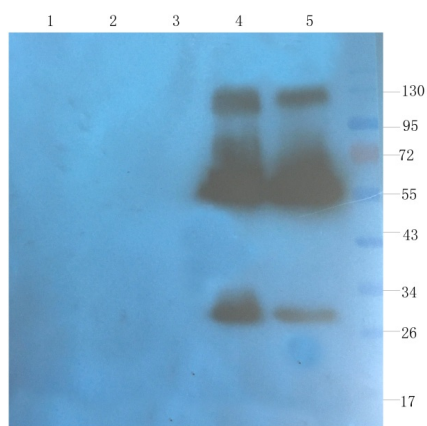
Product Type:	Primary Antibodies
Clone Name:	hu5c8 (Ruplizumab)
Applications:	BI, FC, WB
Reactivity:	Human
Host:	Human
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Human CD40L
Specificity:	The antibody binds to CD40L with an IC50 of 0.845 ug/ml.

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.

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	CD40 ligand
Database Link:	Entrez Gene 959 Human P29965
Synonyms:	CD40-L; CD40L; CD154; gp39; hCD40L; HIGM1; IGM; IMD3; T-BAM; TNFSF5; TRAP
Note:	NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar.



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Product images:

Western Blot using anti-OX40L antibody TA385961 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 TA385961 at 1 μ 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.