

Product datasheet for **SM1555F**

CD40L (CD40LG) Mouse Monoclonal Antibody [Clone ID: MK13A4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MK13A4
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat-1/20 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	hCG from Human pregnancy urine.
Specificity:	This antibody recognizes the CD154 cell surface antigen. Clone MK13A4 has been reported to block binding of CD40 ligand to its receptor CD40. SM1555A is recommended for function studies.
Formulation:	Tris buffered saline containing 0.02% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD40 ligand
Database Link:	Entrez Gene 959 Human P29965
Background:	CD154 is a 32kD glycoprotein also known as CD40 ligand. CD154 is expressed on activated T lymphocytes, predominantly CD4+ve cells and also on some basophils and mast cells.
Synonyms:	CD40 ligand, CD40-L, CD40LG, TNFSF5, TRAP, GP39



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