

Monoclonal Antibody to CD154 / CD40L - FITC

Alternate names:	CD40 ligand, CD40-L, CD40LG, GP39, T-cell antigen Gp39, TNF-related activation protein, TNFSF5, TRAP, Tumor necrosis factor ligand superfamily member 5
Catalog No.:	SM1555F
Quantity:	100 Tests
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.
Uniprot ID:	P29965
NCBI:	NP_000065.1
GeneID:	959
Host / Isotype:	Mouse / IgG1
Clone:	MK13A4
Immunogen:	hCG from Human pregnancy urine.
Format:	State: Liquid purified IgG fraction. Buffer System: Tris buffered saline containing 0.02% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Use 10 µl of neat-1/20 diluted antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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. Species: Human. Other species not tested.
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. Shelf life: one year from despatch.
Product Citation:	Azide free antibody is cited in: 1. Chiara Casati, Chiara Camisaschi, Luisa Novellino, Arabella Mazzocchi, Frédéric Triebel, Licia Rivoltini, Giorgio Parmiani, and Chiara Castelli Human Lymphocyte Activation Gene-3 Molecules Expressed by Activated T Cells Deliver Costimulation Signal for Dendritic Cell Activation J. Immunol., Mar 2008; 180: 3782 - 3788.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com