

Nur für Forschungszwecke

# CD154 Monoklonaler Antikörper

Katalog-Nr.:FITC-65156



## Allgemeine Informationen

**Katalog-Nr.:**

FITC-65156

**Größe:**

100tests , 4 µl/test

**Wirt:**

Maus

**Isotyp:**

Mouse IgG1

**GenBank-Zugangsnummer:**

BC071754

**GeneID (NCBI):**

959

**Vollständiger Name:**

CD40 ligand

**Berechnete Masse:**

261 aa, 29 kDa

**Reinigungsmethode:**

Der gereinigte Antikörper ist mit Fluoresceinisothiocyanat (FITC) unter optimalen Bedingungen konjugiert. Das Konjugat wird mit Größenausschluss-Chromatographie gereinigt.

**CloneNo.:**

24-31

**Anregungs-/Emissionsmaxima-Wellenlängen:**

494 nm / 520 nm

## Anwendungen

**Geprüfte Anwendungen:**

FC

**Getestete Reaktivität:**

Human, Nicht-Humane Primaten

## Hintergrundinformationen

The CD40 ligand (CD40L, TRAP, CD154), a member of the TNF superfamily of ligands, is expressed as either a 33-kd transmembrane homologue or 18-kd soluble form (sCD154). CD40L is primarily expressed on activated CD4+ T cells and on a small proportion of CD8+ T cells and platelets. It binds to CD40 on antigen-presenting cells (APC), which leads to many effects depending on the target cell type. It has been suggested that CD40/CD40L interactions regulate oxidative stress and affect various signaling pathways in both the immunological and the cardiovascular systems. The CD40/CD40L system is also involved in tumorigenesis. Its expression is tightly regulated, and abnormal levels of CD40L are associated with the pathogenesis of atheromatous plaque destabilization and thrombotic events. Multiple mutations in CD40LG gene have been identified that are associated with hyper-IgM immunodeficiency syndrome type 1.

## Lagerung

**Lagerungsbedingungen:**

Bei 2-8°C lagern. Vor Licht schützen.

**Lagerungspuffer:**

PBS mit 0,1% Natriumazid.

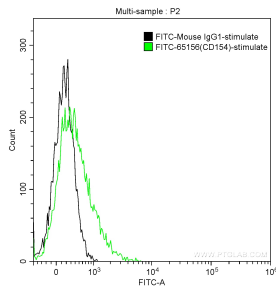
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> PMA (50 ng/ml) and ionomycin (1 ug/ml)-stimulated human PBMCs (5 hours) were surface stained with 4 ul FITC Anti-Human CD154 (FITC-65156, Clone:24-31) (green) or isotype control antibody (black). Cells were not fixed.