

Nur für Forschungszwecke

CD154 Monoklonaler Antikörper

Katalog-Nr.: 65156-1-Ig



Allgemeine Informationen

Katalog-Nr.:
65156-1-Ig

Größe:
100ug, 1 mg/ml

Wirt:
Maus

Isotyp:
IgG1, kappa

GenBank-Zugangsnummer:
BC071754

GeneID (NCBI):
959

Vollständiger Name:
CD40 ligand

Berechnete Masse:
261 aa, 29 kDa

Reinigungsmethode:

Mit Protein-A-
Affinitätschromatographie gereinigt

CloneNo.:
24-31

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:
Store at 2-8°C. Stable for one year after shipment.
Lagerungspuffer:
PBS mit 0,1% Natriumazid.

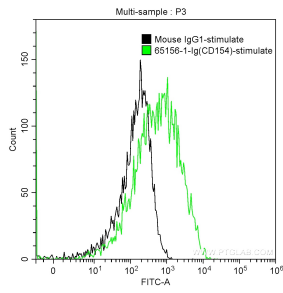
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1×10^6 PMA (50 ng/ml) and ionomycin (1 μ g/ml)-stimulated human PBMCs (5 hours) were surface stained with 0.2 μ g Anti-Human CD154 (65156-1-Ig, Clone: 24-31) and FITC anti-mouse IgG1 Antibody at dilution 1:200 (green), or stained with 0.2 μ g isotype control and FITC anti-mouse IgG1 Antibody at dilution 1:200 (black). Cells were not fixed.