

Nur für Forschungszwecke

CD154 Monoklonaler Antikörper

Katalog-Nr.: FITC-65129



Allgemeine Informationen

Katalog-Nr.:
FITC-65129

Größe:
100ug, 0.5 mg/ml

Wirt:
Armenian Hamster

Isotyp:
IgG

GenBank-Zugangsnummer:
BC119225

GeneID (NCBI):
21947

Vollständiger Name:
CD40 ligand

Reinigungsmethode:
Affinitätsreinigung

CloneNo.:
MR1

**Anregungs-/Emissionsmaxima-
Wellenlängen:**
494 nm / 520 nm

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Maus

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:

Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

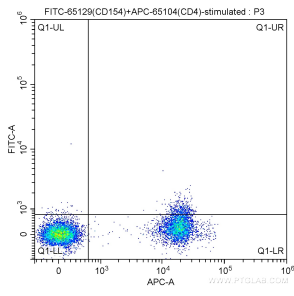
For technical support and original validation data for this product please contact:

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

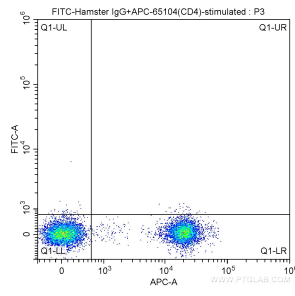
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



1X10⁶ PMA (50 ng/ml) and ionomycin (1 ug/ml)-stimulated mouse lymphoid cells (6 hours) were surface stained with APC Anti-Mouse CD4 (GK1.5) (APC-65104, Clone: GK1.5) and 0.2 ug FITC Anti-Mouse CD154 (FITC-65129, Clone: MR1). Cells were not fixed.



1X10⁶ PMA (50 ng/ml) and ionomycin (1 ug/ml)-stimulated mouse lymphoid cells (6 hours) were surface stained with APC Anti-Mouse CD4 (GK1.5) (APC-65104, Clone: GK1.5) and 0.2 ug FITC-Hamster IgG Isotype Control. Cells were not fixed.