

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD154

Numéro de catalogue: CL647-65129



Informations de base

Numéro de catalogue:
CL647-65129

Taille:
100 tests, 5 µL/test

Hôte:
Armenian Hamster

Isotype:
IgG

Numéro d'acquisition GenBank:
BC119225

Identification du gène (NCBI):
21947

Nom complet:
CD40 ligand

Méthode de purification:
Purification par affinité

CloneNo.:
MR1

Excitation/Emission maxima
wavelengths:
654 nm / 674 nm

Applications

Applications testées:
FC

Spécificité de l'espèce:
souris

Informations générales

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.

Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

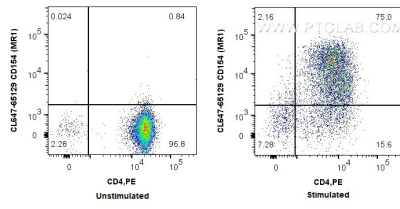
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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

Données de validation sélectionnées



1X10⁶ unstimulated or Cell Stimulation Cocktail stimulated (overnight) BALB/c mouse CD4⁺ T cells were surface co-stained with PE Anti-Mouse CD4 (GK1.5) and 0.5 μ g CoraLite[®] Plus 647 Anti-Mouse CD154 (CL647-65129, Clone: MR1). Cells were not fixed.