

Nur für Forschungszwecke

# CD154 Monoklonaler Antikörper

Katalog-Nr.:CL488-65129



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-65129	<b>GenBank-Zugangsnummer:</b> BC119225	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 21947	<b>CloneNo.:</b> MR1
<b>Wirt:</b> Armenian Hamster	<b>Vollständiger Name:</b> CD40 ligand	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> IgG		

## 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:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Lagerungspuffer:**  
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

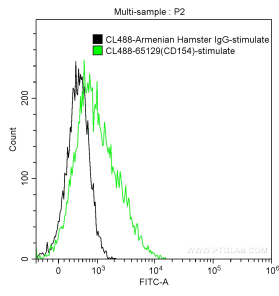
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## Ausgewählte Validierungsdaten



CD4+ T cells sorted from splenocytes, were stimulated with PMA and ionomycin and surface stained with 5 ul CoraLite® Plus 488 Anti-Mouse CD154 (CL488-65129, Clone: MR1) (blue) or CoraLite® Plus 488 conjugated Armenian Hamster IgG isotype control (black). Cells were not fixed.