

Nur für Forschungszwecke

CD40L/CD154 Monoklonaler Antikörper



Katalog-Nr.: 66502-1-Ig **3 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 66502-1-Ig	GenBank-Zugangsnummer: BC071754	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1400 µg/ml von 959 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: CD40 ligand	CloneNo.: 1E6D10
Wirt: Maus	Berechnete Masse: 261 aa, 29 kDa	Empfohlene Verdünnungen: WB 1:1000-1:6000
Isotyp: IgG2a	Beobachtete Masse: 30 kDa	
Immunogen Katalognummer: AG24941		

Anwendungen

Geprüfte Anwendungen: FC, WB, ELISA	Positivkontrollen: WB: Jurkat-Zellen, human peripheral blood platelets
In Publikationen genannte Anwendungen: IHC	
Getestete Reaktivität: Human, Ratte	
Zitierte Arten: Human	

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. Recent studies have 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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
YuanPing Hai	36128805	Thyroid	IHC
Nozomu Kurose	31358479	Pathol Res Pract	IHC
Yoshiaki Kobayashi	33647861	Pathol Res Pract	IHC

Lagerung

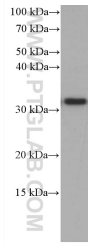
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

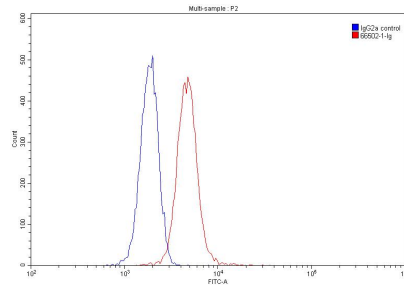
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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Ausgewählte Validierungsdaten



Jurkat cells were subjected to SDS PAGE followed by western blot with 66502-1-ig (CD40L/CD154 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



1×10^6 Jurkat cells were stained with 0.20 μ g CD40L/CD154 antibody (66502-1-ig, red) and control antibody (blue). Fixed with 90% MeOH.