

Nur für Forschungszwecke

SYK Monoklonaler Antikörper

Katalog-Nr.: 66721-1-Ig

Vorgestelltes Produkt

2 Publikationen



Allgemeine Informationen

Katalog-Nr.: 66721-1-Ig	GenBank-Zugangsnummer: BC001645	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 2200 µg/ml von 6850 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): splen tyrosine kinase	CloneNo.: 4C4A12
Wirt: Maus	Berechnete Masse: 635 aa, 72 kDa	Empfohlene Verdünnungen: WB 1:2000-1:10000 IF 1:50-1:500
Isotyp: IgG2b	Beobachtete Masse: 70-75 kDa	
Immunogen Katalognummer: AG17654		

Anwendungen

Geprüfte Anwendungen: IF, IP, WB, ELISA	Positivkontrollen: WB : Raji-Zellen, Daudi-Zellen, Ramos-Zellen, THP-1-Zellen IF : humanes Tonsillitidgebilde,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

SYK (spleen tyrosine kinase) is a key regulator of signal transduction events, apoptosis and orderly cell cycle progression in B-lineage lymphoid cells. Although SYK has not been linked to a human disease, defective expression of the closely related T-cell tyrosine kinase ZAP-70 has been associated with severe combined immunodeficiency (PMID: 11494125). This protein has 2 isoforms produced by alternative splicing. SYK also promotes liver fibrosis by activation of hepatic stellate cells and acts as a biomarker for human hepatocellular carcinoma. (PMID: 29537660)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jie Jia	36152731	Exp Cell Res	WB
Tian-Jiao Li	35077803	Cancer Lett	WB

Lagerung

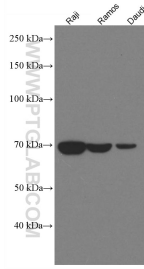
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

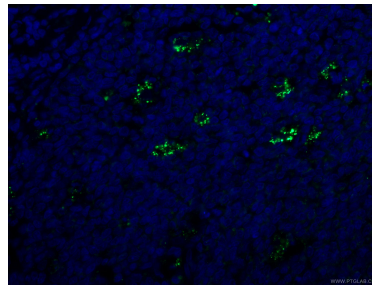
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

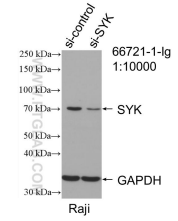
Ausgewählte Validierungsdaten



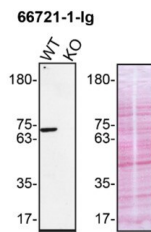
Various lysates were subjected to SDS PAGE followed by western blot with 66721-1-Ig (SYK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



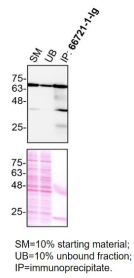
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 66721-1-Ig (SYK antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of SYK antibody (66721-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SYK transfected Raji cells.



THP-1 (WT and SYK KO) lysates prepared with RIPA buffer, 30 µg protein loaded. 66721-1-Ig incubated at 1:500 at 4°C overnight in 5% BSA in TBST. Ponceau stained transfers shown on right. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.



MDA-MB-231 lysates prepared and IP of SYK performed using 2.0 µg of 66721-1-Ig coupled to protein G- Sepharose beads. The Ponceau stained transfers of each blot are shown. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.