

Allgemeine Informationen

Katalog-Nr.: 66224-1-Ig	GenBank-Zugangsnummer: BC012350	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 3300 µg/ml von6693 Nanodrop und 2000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: sialophorin	CloneNo.: 2A11D6
Wirt: Maus	Berechnete Masse: 400 aa, 43 kDa	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:4000-1:16000 IF 1:200-1:800
Isotyp: IgG2b	Beobachtete Masse: 115 kDa	
Immunogen Katalognummer: AG23595		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	WB: Jurkat-Zellen, K-562-Zellen
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC: humanes Tonsillitisgewebe, humanes Appendizitis-Gewebe, humanes Kolongewebe
	IF: Jurkat-Zellen, humanes Tonsillitisgewebe

Hintergrundinformationen

CD43, also named leukosialin, sialophorin, galactoglycoprotein, leukocyte sialoglycoprotein, SPN, and is a mucin-like type I transmembrane protein. In humans, it is expressed in haematopoietic cells, including T lymphocytes, monocytes, granulocytes, natural killer cells, platelets, and haematopoietic stem cells, with the exception of mature erythrocytes and B cell subpopulations. The unglycosylated form of CD43 migrates on SDS-PAGE with a molecular weight of 54 kDa (PMID: 2943740), whereas CD43 from different haematopoietic cell lines displays increased molecular weights since it is glycosylated with O-linked chains that differ in core structure and sialylation.

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**

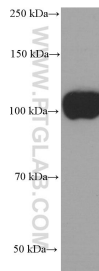
For technical support and original validation data for this product please contact:

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

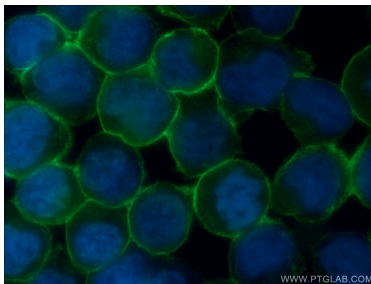
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



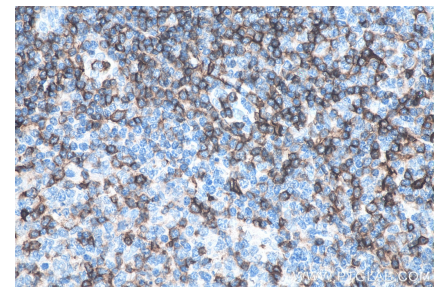
Jurkat cells were subjected to SDS PAGE followed by western blot with 66224-1-Ig (CD43 antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



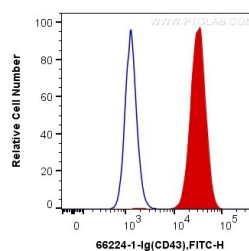
Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using 66224-1-Ig (CD43 antibody) at dilution of 1:400 and CoralLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66224-1-Ig (CD43 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66224-1-Ig (CD43 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug Anti-Human CD43 (66224-1-Ig, Clone:2A11D6) and CoralLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).