

Nur für Forschungszwecke

5 Lipoxygenase Monoklonaler Antikörper



Katalog-Nr.:66326-1-Ig **2 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 66326-1-Ig	GenBank-Zugangsnummer: BC130332	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 240	CloneNo.: 3B1B7
Wirt: Maus	Vollständiger Name: arachidonate 5-lipoxygenase	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:100-1:400
Isotyp: IgG2a	Berechnete Masse: 674 aa, 78 kDa	
Immunogen Katalognummer: AG18168	Beobachtete Masse: 78 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : Hausschwein-Milzgewebe, THP-1-Zellen
In Publikationen genannte Anwendungen: IF, IHC, WB	IHC : humanes Lungengewebe, humanes Milzgewebe
Getestete Reaktivität: Hausschwein, Human	
Zitierte Arten: Human	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

ALOX5(arachidonate 5-lipoxygenase) is also named as LOG5, 5-LO and belongs to the lipoxygenase family. It catalyzes the first step in leukotriene biosynthesis, and plays a role in inflammatory processes. It is a 78 kDa iron-containing enzyme that translocates from the cytosol to associate with FLAP, and converts arachidonate in two steps into the unstable intermediate LTA4. It is essential for cysteinyl-leukotriene (cys-LT) production, critical mediators in asthma(PMID:12911785).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hannah Weisser	36114329	Cancer Gene Ther	WB,IF
Tamara Göbel	36849252	Life Sci Alliance	WB,IHC

Lagerung

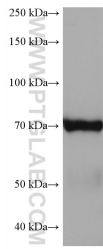
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

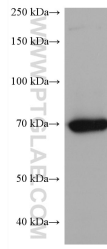
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

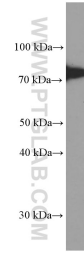
Ausgewählte Validierungsdaten



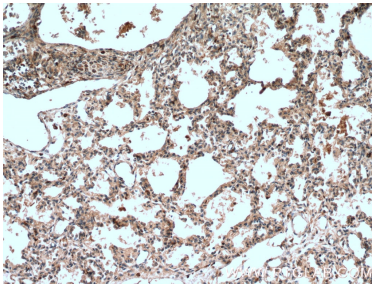
pig spleen tissue were subjected to SDS PAGE followed by western blot with 66326-1-Ig (5 Lipoxigenase antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



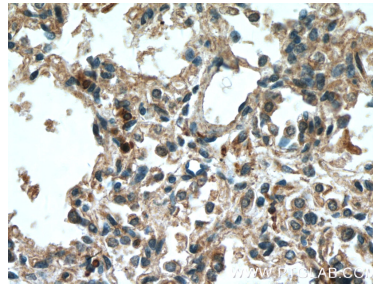
THP-1 cells were subjected to SDS PAGE followed by western blot with 66326-1-Ig (5 Lipoxigenase antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



pig spleen tissue were subjected to SDS PAGE followed by western blot with 66326-1-Ig (ALOX5 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 66326-1-Ig (ALOX5 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 66326-1-Ig (ALOX5 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).