

À des fins de recherche uniquement

Anticorps Monoclonal anti-5 Lipoxygenase



Numéro de catalogue: 66326-1-Ig **2 Publications**

Informations de base

Numéro de catalogue: 66326-1-Ig	Numéro d'acquisition GenBank: BC130332	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 240	CloneNo.: 3B1B7
Hôte: Mouse	Nom complet: arachidonate 5-lipoxygenase	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:100-1:400
Isotype: IgG2a	MW calculé 674 aa, 78 kDa	
Immunogen Catalog Number: AG18168	MW observés: 78 kDa	

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : tissu splénique de porc, cellules THP-1 IHC : tissu pulmonaire humain, tissu splénique humain
Demandes citées: IF, IHC, WB	
Spécificité de l'espèce: Humain, porc	
Espèces citées: Humain	
Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.	

Informations générales

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).

Publications notables

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

Stockage

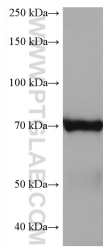
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

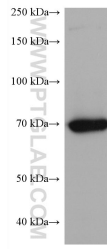
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

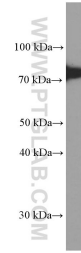
Données de validation sélectionnées



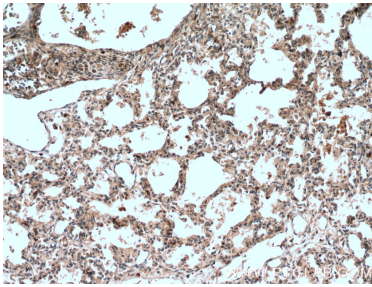
pig spleen tissue were subjected to SDS PAGE followed by western blot with 66326-1-Ig (5 Lipoxigenase antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



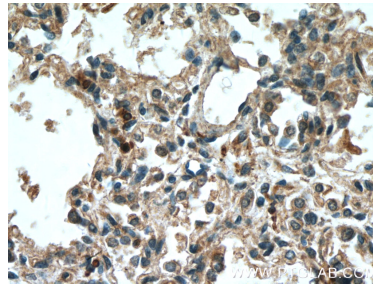
THP-1 cells were subjected to SDS PAGE followed by western blot with 66326-1-Ig (5 Lipoxigenase antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).