

À des fins de recherche uniquement

Anticorps Monoclonal anti-LACTB

Numéro de catalogue: 66785-1-Ig 2 Publications



Informations de base

Numéro de catalogue: 66785-1-Ig	Numéro d'acquisition GenBank: BC067288	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 114294	CloneNo.: 3C3C3
Hôte: Mouse	Nom complet: lactamase, beta	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:150-1:600 IF 1:50-1:500
Isotype: IgG1	MW calculé 547 aa, 61 kDa	
Immunogen Catalog Number: AG12233	MW observés: 50-60 kDa	

Applications

Applications testées: IF, IHC, WB, ELISA	Contrôles positifs:
Demandes citées: IF, IHC, WB	WB : cellules HeLa, cellules HEK-293, cellules HepG2, cellules Jurkat
Spécificité de l'espèce: Humain	IHC : tissu de cancer du foie humain, IF : cellules HepG2,
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

LACTB is also named as MRPL56, which is a component of the large subunit of the mitochondrial ribosome that is encoded by the nuclear genome. LACTB is a mammalian active-site serine protein that has evolved from a bacterial penicillin-binding protein. It promotes intramitochondrial membrane organization and micro-compartmentalization through polymerization (PMID:19858488). Northern blot analysis of mouse tissues detected expression at high levels in liver, heart, and skeletal muscle, with lower levels in kidney, testis, brain, lung, and spleen (PMID:11707067). The full-length of LACTB is about 61kDa, and a 115aa transit peptide can be removed in the mature form.

Publications notables

Autrice	Pubmed ID	Journal	Application
Chunxiao Wang	33273855	Cancer Manag Res	WB
Yawen Ma	33675985	Cancer Lett	WB, IHC, IF

Stockage

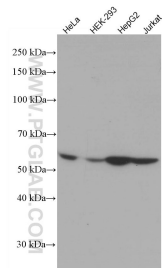
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20°C

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

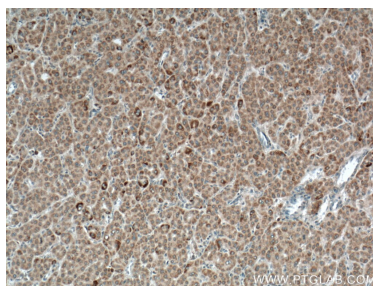
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

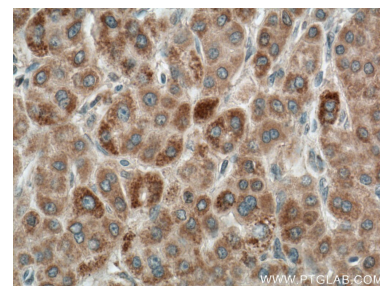
Données de validation sélectionnées



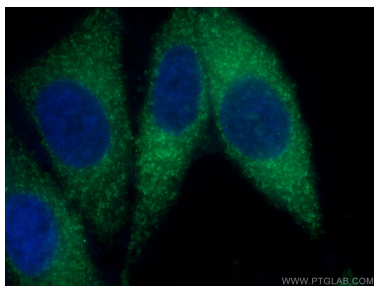
Various lysates were subjected to SDS PAGE followed by western blot with 66785-1-Ig (LACTB antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66785-1-Ig (LACTB antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66785-1-Ig (LACTB antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66785-1-Ig (LACTB antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).