

À des fins de recherche uniquement

Anticorps Monoclonal anti-EPO

Numéro de catalogue: 66975-1-Ig **3 Publications**



Informations de base

Numéro de catalogue: 66975-1-Ig	Numéro d'acquisition GenBank: BC093628	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2056	CloneNo.: 1A11F3
Hôte: Mouse	Nom complet: erythropoietin	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:50-1:500
Isotype: IgG2a	MW calculé 193 aa, 21 kDa	
Immunogen Catalog Number: AG23054		

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : EPO humaine recombinante (n° de cat. HZ-1168), IHC : tissu hépatique humain, tissu rénal de souris
Demandes citées: WB	
Spécificité de l'espèce: Humain, souris	
Espèces citées: Humain, rat, souris	
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

Erythropoietin (Epo) is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. Its effect is realized by binding erythropoietin receptor (EpoR) expressed on erythroid progenitor cells. EpoR, is a glycoprotein expressed on megakaryocytes, erythroid progenitors and endothelial cells. Epo also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types.

Publications notables

Autrice	Pubmed ID	Journal	Application
Takeshi Ike	36074918	Am J Physiol Renal Physiol	WB
Meng Wang	34268128	Front Oncol	WB
Hari Prasad Osuru	35928940	Front Cardiovasc Med	WB

Stockage

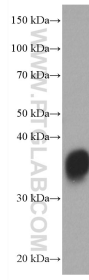
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

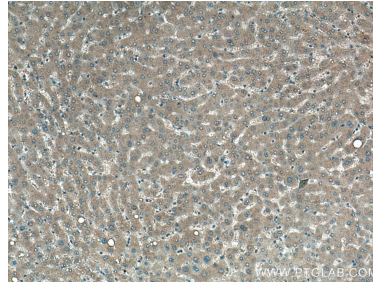
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

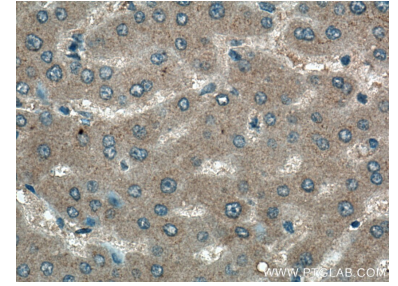
Données de validation sélectionnées



50 ng recombinant human EPO (cat.NO. HZ-1168) was subjected to SDS-PAGE under reducing condition followed by western blot with 66975-1-Ig (EPO antibody) at dilution of 1:10000.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66975-1-Ig (EPO 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 liver tissue slide using 66975-1-Ig (EPO antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).