

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IDH2

Numéro de catalogue: 66918-1-Ig **Phare**



## Informations de base

<b>Numéro de catalogue:</b> 66918-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC009244	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3418	<b>CloneNo.:</b> 1F10A10
<b>Hôte:</b> Mouse	<b>Nom complet:</b> isocitrate dehydrogenase 2 (NADP+), mitochondrial	<b>Dilutions recommandées:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>MW calculé</b> 452 aa, 51 kDa	
<b>Immunogen Catalog Number:</b> AG8950	<b>MW observés:</b> 41-47 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules Jurkat, cellules HEK-293, cellules HepG2, cellules K-562, cellules SH-SY5Y
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

IDH2, also named as IDP and ICD-M, belongs to the isocitrate and isopropylmalate dehydrogenases family. It plays a role in intermediary metabolism and energy production. IDH2 is a mitochondrial NADP-dependent isocitrate dehydrogenase that catalyzes oxidative decarboxylation of isocitrate to alpha-ketoglutarate, producing NADPH. It may tightly associate or interact with the pyruvate dehydrogenase complex. IDH1 and IDH2 mutations could also contribute to tumorigenesis and cancer progression through increased mutagenesis. IDH2 has 2 isoforms with the MW of 51 kDa and 45 kDa, and the mature form is about 47 kDa and 41 kDa with the N-terminal transit peptide cleaved.

## 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.**

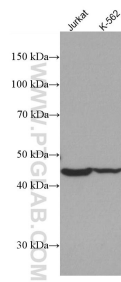
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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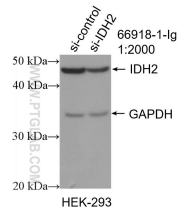
E: proteintech@ptglab.com  
W: ptglab.com

**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 66918-1-Ig (IDH2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of IDH2 antibody (66918-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-IDH2 transfected HEK-293 cells.