

À des fins de recherche uniquement

Anticorps Monoclonal anti-BMP-7

Numéro de catalogue: **CL647-69011**



Informations de base

Numéro de catalogue:

CL647-69011

Taille:

100ul , Concentration: 1000 µg/ml by
Nanodrop;

Hôte:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

HZ-1229

Numéro d'acquisition GenBank:

Identification du gène (NCBI):

655

Nom complet:

bone morphogenetic protein 7

Méthode de purification:

Purification par protéine G

CloneNo.:

3E9G7

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

Applications

Applications testées:

FC (Intra)

Spécificité de l'espèce:

Humain

Informations générales

The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFβ) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site.

BMP7, also known as osteogenic protein-1 or OP-1, plays a key role in the transformation of mesenchymal cells into bone and cartilage. BMP7 may be involved in bone homeostasis (PMID: 15621726). It is expressed in the brain, kidneys and bladder. BMP7 is also present in cancers, including breast, prostate, and colon cancers, in which it is implicated in regulating cancer cell proliferation (PMID: 16419056, PMID: 15531927). Overexpression of BMP7 mRNA in colorectal cancer patients was significantly associated with poor prognosis and low overall survival (PMID: 18259822). Recent studies suggest that high-expression level of BMP7 serves as a biomarker for poor prognosis for HCC (PMID: 23179403).

This antibody is used to Block/Neutralize BMP-7 protein.

Stockage

Stockage:

Stocker à -20 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

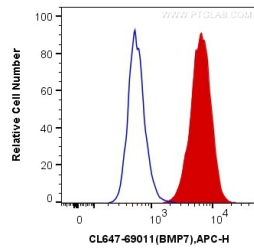
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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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



1X10⁶ HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® Plus 647 Anti-Human BMP-7 (CL647-69011, Clone:3E9G7) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).