

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD44

Numéro de catalogue: **CL647-65117**



Informations de base

Numéro de catalogue:
CL647-65117

Taille:
100ug, 0.5 mg/ml

Hôte:
Rat

Isotype:
IgG2b, kappa

Numéro d'acquisition GenBank:
BC051388

Identification du gène (NCBI):
12505

Nom complet:
CD44 antigen

Méthode de purification:
Purification par affinité

CloneNo.:
IM7

Dilutions recommandées:
IF 1:50-1:500

Excitation/Emission maxima
wavelengths:
654 nm / 674 nm

Applications

Applications testées:
FC, IF

Spécificité de l'espèce:
Humain, souris

Contrôles positifs:

IF : splénocytes de souris,

Informations générales

CD44 is a type I transmembrane glycoprotein expressed on embryonic stem cells and in various levels on other cell types including connective tissues and bone marrow. CD44 expression is also upregulated in subpopulations of cancer cells and is recognized as a molecular marker for cancer stem cells (PMID: 29747682). It is a cell-surface receptor that mediates cell-cell and cell-matrix interactions through its affinity for hyaluronic acid (HA) and possibly also through its affinity for other ligands (PMID: 10694938). Adhesion with HA plays an important role in cell migration, tumor growth and progression. CD44 is also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis.

Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

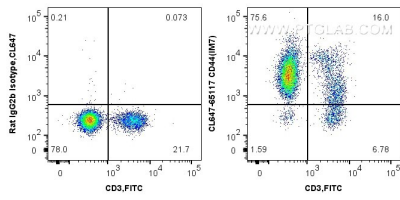
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

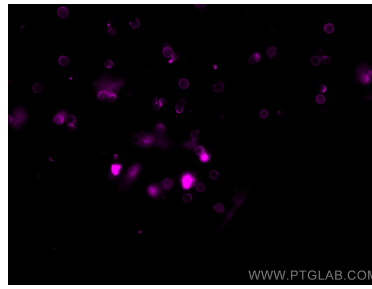
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ mouse splenocytes were surface stained with FITC Anti-Mouse CD3 (FITC-65077, Clone: 17A2) and 1 ug CoraLite® Plus 647 Anti-Mouse CD44 (CL647-65117, Clone: IM7) or CoraLite® Plus 647-Conjugated rat IgG2b isotype control. Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using CoraLite® Plus 647 CD44 antibody (CL647-65117, Clone: IM7) at dilution of 1:100.