

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD44

Numéro de catalogue: 65063-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 65063-1-Ig	Numéro d'acquisition GenBank: BC004372	Méthode de purification: Purification par affinité
Taille: 100ug, 0.5 mg/ml	Identification du gène (NCBI): 960	CloneNo.: F10-44-2
Hôte: Mouse	Nom complet: CD44 molecule (Indian blood group)	
Isotype: IgG2a, kappa	MW calculé 742 aa, 82 kDa	

Applications

Applications testées:
FC

Demandes citées:
FC

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Junjie Liu	34707701	Exp Ther Med	FC

Stockage

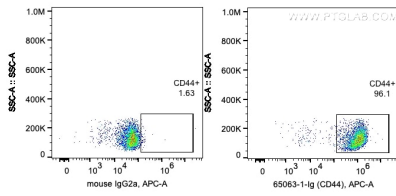
Stockage:
Store at 2-8°C. Stable for one year after shipment.

Tampon de stockage:
PBS with 0.09% sodium azide.

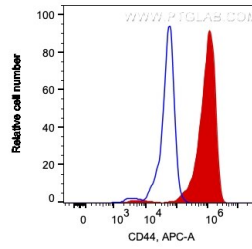
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ human PBMCs were surface stained with 0.2 ug Anti-Human CD44 (65063-1-Ig, Clone:F10-44-2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000, or 0.2 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000. Cells were not fixed. Lymphocytes are gated.



1X10⁶ human PBMCs were surface stained with 0.2 ug Anti-Human CD44 (65063-1-Ig, Clone:F10-44-2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (blue). Cells were not fixed. Lymphocytes are gated.