

Nur für Forschungszwecke

CD44 Monoklonaler Antikörper

Katalog-Nr.:CL647-65117



Allgemeine Informationen

Katalog-Nr.: CL647-65117	GenBank-Zugangsnummer: BC051388	Reinigungsmethode: Affinitätsreinigung
Größe: 100ug, 500 µg/ml	GeneID (NCBI): 12505	CloneNo.: IM7
Wirt: Ratte	Vollständiger Name: CD44 antigen	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2b, kappa		Anregungs-/Emissionsmaxima-Wellenlängen: 654 nm / 674 nm

Anwendungen

Geprüfte Anwendungen: FC, IF	Positivkontrollen: IF : Maus-Splenozyten,
Getestete Reaktivität: Human, Maus	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Lagerungspuffer:
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

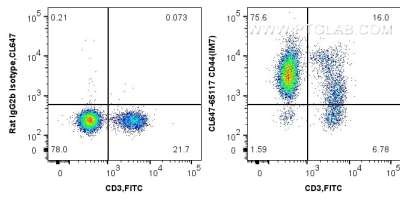
For technical support and original validation data for this product please contact:

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

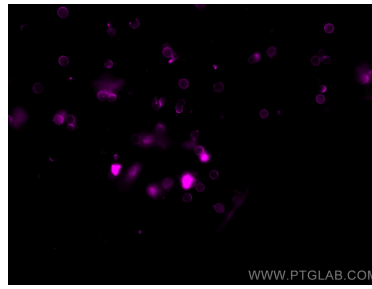
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



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.