

Nur für Forschungszwecke

CD44 Monoklonaler Antikörper

Katalog-Nr.:CL555-65063



Allgemeine Informationen

Katalog-Nr.: CL555-65063	GenBank-Zugangsnummer: BC004372	Reinigungsmethode: Affinitätsreinigung
Größe: 100tests , 5 µl/test	GeneID (NCBI): 960	CloneNo.: F10-44-2
Wirt: Maus	Vollständiger Name: CD44 molecule (Indian blood group)	Anregungs-/Emissionsmaxima-Wellenlängen: 554 nm / 570 nm
Isotyp: IgG2a, kappa	Berechnete Masse: 742 aa, 82 kDa	

Anwendungen

Geprüfte Anwendungen:

FC

Getestete Reaktivität:

Human

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 with 0.09% sodium azide and 0.5% BSA.

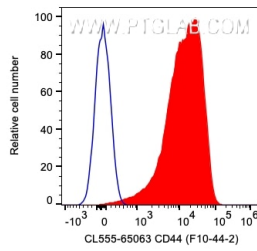
For technical support and original validation data for this product please contact:

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

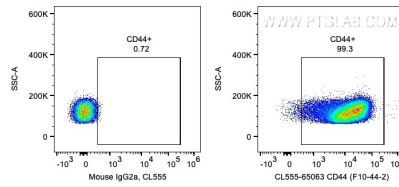
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



1X10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 555 Anti-Human CD44 (CL555-65063, Clone:F10-44-2) or Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2). Cells were not fixed. Lymphocytes were gated.



1X10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 555 Anti-Human CD44 (CL555-65063, Clone:F10-44-2), and 5 ug 66360-2-Ig; Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2). Cells were not fixed.