

30-1219: Anti-CD44 / Pgp-1 Monoclonal Antibody (Clone:MEM-263)

Clonality :	Monoclonal
Clone Name :	MEM-263
Application :	FACS, IP, WB, IHC
Reactivity :	Human, Pig, Dog
Gene :	CD44
Gene ID :	960
Uniprot ID :	P16070
Format :	Purified
Alternative Name :	CD44,LHR,MDU2,MDU3,MIC4
Isotype :	Mouse IgG1
Immunogen Information :	COS-7 cells (African Green Monkey).

Description

CD44 is a transmembrane glycoprotein expressed on the surface of most cells, which serves as a receptor for hyaluronan. CD44 mediates angiogenesis, cell adhesion, proliferation and migration, it is thus important for lymphocyte activation, recirculation and homing, it can thus serve e.g. as a modulator of macrophage recruitment in response to pathogen. Although CD44 functions are essential for physiological activities of normal cells, elevated CD44 expression correlates with poor prognosis in many carcinomas, facilitating tumour growth and metastasis, antiapoptosis and directional motility of cancer cells.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

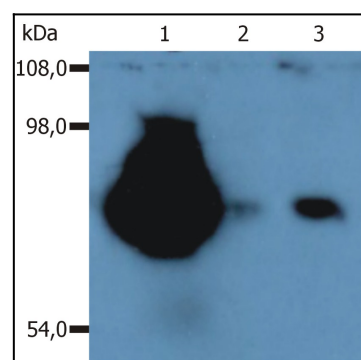


Figure 1: Western Blotting analysis (non-reducing conditions) of isolated peripheral blood lymphocytes of various species using anti-CD44 (MEM-263). Lane 1: lysate of human PBL. Lane 2: lysate of canine PBL. Lane 3: lysate of porcine PBL

Figure 2: Western blotting analysis of CD44 in MOLT-4 cells (lane 1) and HeLa cells (lane 2) using anti-CD44 (MEM-263) purified; non-reducing conditions.