

30-1435: Anti-CD44 Monoclonal Antibody (Clone:IM7)(Discontinued)

Clonality :	Monoclonal
Clone Name :	IM7
Application :	FACS, IP, WB, IHC, IHC-Fr, ICC
Reactivity :	Human, Mouse, Dog, Equine, Feline
Gene :	CD44
Gene ID :	960
Uniprot ID :	P16070
Format :	Purified
Alternative Name :	CD44,LHR,MDU2,MDU3,MIC4
Isotype :	Rat IgG2b
Immunogen Information :	Dexamethasone-induced cells of the SJL mouse spontaneous myeloid leukemia M1

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. 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.

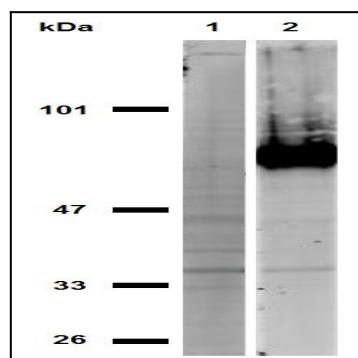


Figure 1: Western blotting analysis of CD44 in HeLa cells (positive; . Lane 2) and MOLT-4 cells (negative; . Lane 1) using anti-CD44 (IM7) purified; non-reducing conditions.