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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.

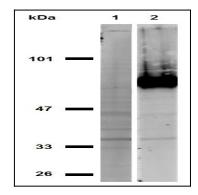


Figure 1: Western blotting analysis of CD44 in HeLa cells (positive; . Lane 2) and MOLT-4 cells (negative; . Lane 1) using anti-CD44 (IM7) purified; non-reducing conditions.