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

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|---|---|
| **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

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

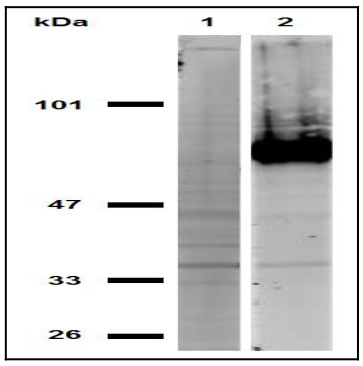



Figure 1: Western blotting analysis of CD44 in HeLa cells (positive; . Lane 2) and MOLT-4 cells (negative; . Lane 1) using anti-CD44 (IM7) purified; non-reducing conditions.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***