

CD44 Antibody

Catalog No: #21471



Package Size: #21471-1 50ul #21471-2 100ul #21471-4 25ul

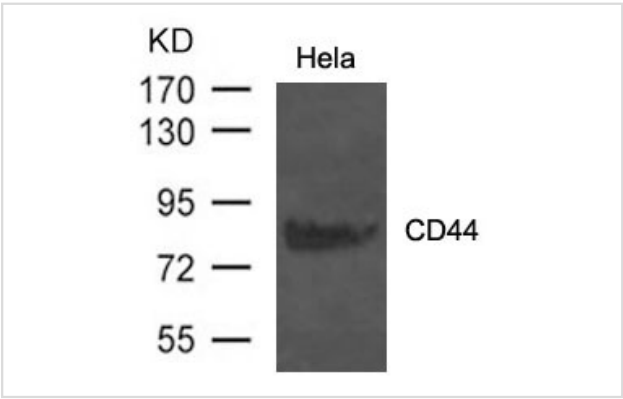
Overview

| | |
|--------------------|------------------------|
| Product Name | CD44 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Applications | WB IF |
| Species Reactivity | Hu Rt |
| Immunogen Type | Peptide-KLH |
| Target Name | CD44 |
| Alternative Names | LHR; MDU2; MDU3; MIC4; |

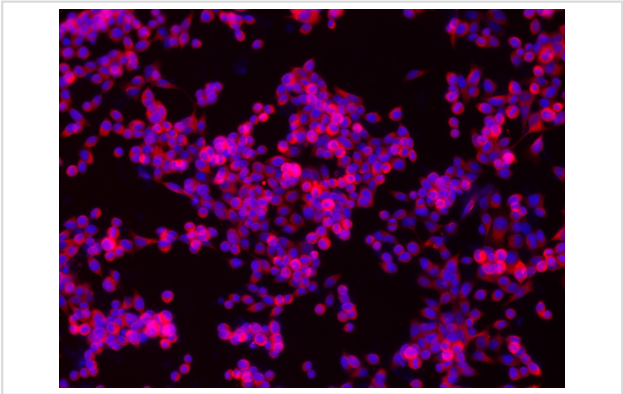
Application Details

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|--------------------------------|
| Predicted MW: 80kd |
| Western blotting: 1:500~1:1000 |
| Immunofluorescence:1:100~1:200 |

Images



Western blot analysis of extract from Hela cells using CD44 Antibody #21471



Immunofluorescence staining of methanol-fixed NCI-h446 cells showing cytoplasmic staining using CD44 Antibody #21471.

Descriptions

| | |
|---------------|---|
| Immunogen | Peptide sequence around aa.734~738(Q-N-V-D-M) derived from Human CD44. |
| Specificity | The antibody detects endogenous level of total CD44 protein. |
| Purification | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |
| Accession NO. | Swiss-Prot: P16070NCBI Protein: NP_000601.3 |

Related Information

Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. Also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to numerous alternative splicing and post-translational modification events. Teriete P.,et.al(2004) Mol. Cell 13:483-496 Bartolazzi A. (2003)Melanoma Res. 13:325-337
Liu T.et.al (2005)J. Proteome Res. 4:2070-2080

Note: This product is for in vitro research use only and is not intended for use in humans or animals.