

Anti-CD44 Polyclonal Antibody

Product Details

Ig Type: IgG
Reactivity: Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight: Theoretical: 85 kDa. Actual: 83 kDa.
Purification: Protein A purified

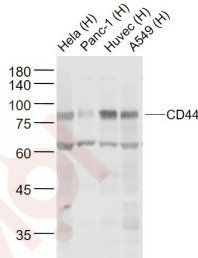
Applications

Sample:

Lane 1: Hela (Human) Cell Lysate at 30 µg
 Lane 2: Panc-1 (Human) Cell Lysate at 30 µg
 Lane 3: Huvec (Human) Cell Lysate at 30 µg

Verified Activity:

Lane 4: A549 (Human) Cell Lysate at 30 µg
 Primary: Anti-CD44 (TMAB-00369) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 83 kDa
 Observed band size: 83 kDa



Application: WB
Recommended WB: 1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human CD44
Antigen Species: Human
Gene ID: 960
Uniprot ID: P16070
Synonyms: CD44 molecule (Indian blood group);HUTCH-I;HCELL;MDU3;CDW44;MDU2;LHR;ECMR-III;Pgp1;MC56;IN;MIC4;CSPG8
Biology Area: Tumor biomarkers,CD markers,Adhesion,CD markers ELISA kits,T Lymphocytic Lineage,Dendritic Cell Lineage,Neutrophil Lineage,Surface Molecules

Research Background

The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis. [provided by RefSeq, Jul 2008].

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