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**Product Information**

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|---------------------|---------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB0340 | <b>Gene ID:</b>      | 960    | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse |

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**Additional Information**

|                       |       |                   |              |
|-----------------------|-------|-------------------|--------------|
| <b>Observed MW:</b>   | 80kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 82kDa | <b>Isotype:</b>   | IgG          |

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**Immunogen Information**

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|------------------------------|--|
| <b>Background:</b>           | 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. |
| <b>Recommended Dilution:</b> | WB:1:500 - 1:1000 IHC-P:1:50 - 1:200   |
| <b>Synonyms:</b>             | IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; H-CAM; HCELL; ECM-III; HUTCH-1; HUTCH-1; ECMR-III; Hermes-1; CD44   |
| <b>Purification Method:</b>  | Affinity purification  |
| <b>Immunogen:</b>            | Recombinant fusion protein containing a sequence corresponding to amino acids 346-385 of CD44 (NP_000601.3).   |
| <b>Storage:</b>              | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.  |