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Datasheet for ABIN951207

anti-HMMR antibody (C-Term)

3 Images

Overview

Quantity:	0.4 mL
Target:	HMMR
Binding Specificity:	AA 675-705, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 675-705 amino acids from the C-terminal region of human CD168 / HMMR
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human CD168 / HMMR (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HMMR
Alternative Name:	CD168 / HMMR (HMMR Products)
Background:	The protein encoded by this gene is involved in cell motility. It is expressed in breast tissue and together with other proteins, it forms a complex with BRCA1 and BRCA2, thus is potentially

Target Details

associated with higher risk of breast cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. Synonyms: Hyaluronan mediated motility receptor, IHABP, Intracellular hyaluronic acid-binding protein, RHAMM, Receptor for hyaluronan-mediated motility

Molecular Weight: 84100 Da

Gene ID: 3161

NCBI Accession: [NP_001136028](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

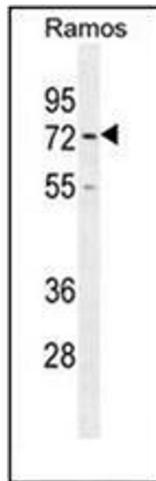
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

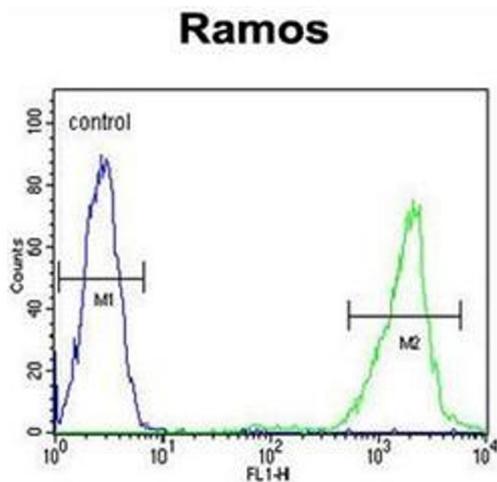
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



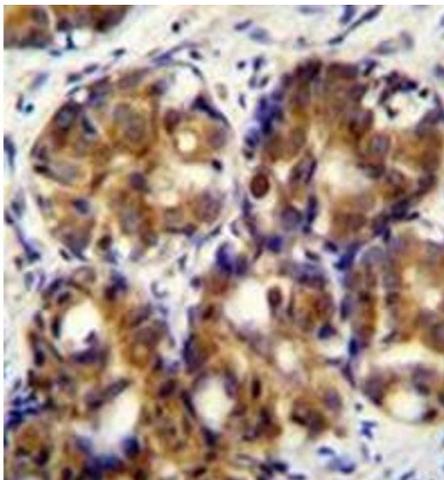
Western Blotting

Image 1. Western blot analysis of CD168 / HMMR Antibody (C-term) in Ramos cell line lysates (35ug/lane). This demonstrates the HMMR antibody detected the HMMR protein (arrow).



Flow Cytometry

Image 2. Flow cytometric analysis of Ramos cells using CD168 / HMMR Antibody (C-term) Cat.-No AP52063PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma reacted with CD168 / HMMR Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.