

Rabbit anti-Human CD168/HMMR Polyclonal Antibody | anti-HMMR antibody

Anti-CD168/HMMR Antibody

CATALOG # AAA125477	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

CD168/HMMR; Polyclonal Antibody; Anti-CD168/HMMR Antibody; Hyaluronan mediated motility receptor; Intracellular hyaluronic acid-binding protein; Receptor for hyaluronan-mediated motility; CD168; HMMR; IHABP; RHAMM; anti-HMMR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	725
Applicable Applications for anti-HMMR antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E Coli-derived human CD168/HMMR recombinant protein (Position: K5-D686).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Figure 1. Western blot analysis of HMMR using anti-HMMR antibody.



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-HMMR antibody	Description: Rabbit IgG polyclonal antibody for CD168/HMMR detection. Tested with WB, FCM, Direct ELISA in Human. Background: Hyaluronan-mediated motility receptor (HMMR), also known as RHAMM (Receptor for Hyaluronan Mediated Motility) is a protein which in humans is encoded by the HMMR gene. It is mapped to 5q34. 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 associated with higher risk of breast cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
References	1. Pujana, M. A., Han, J.-D. J., Starita, L. M., Stevens, K. N., Tewari, M., Ahn, J. S., Rennert, G., Moreno, V., Kirchhoff, T., Gold, B., Assmann, V., ElShamy, W. M., and 22 others. Network modeling links breast cancer susceptibility and centrosome dysfunction. <i>Nature Genet.</i> 39: 1338-1349, 2007. 2. Savani, R. C., Wang, C., Yang, B. H., Zhang, S. W., Kinsella, M. G., Wight, T. N., Stern, R., Nance, D. M., Turley, E. A. Migration of bovine aortic smooth muscle cells after wounding injury: the role of hyaluronan and RHAMM. <i>J. Clin. Invest.</i> 95: 1158-1168, 1995. 3. Spicer, A. P., Roller, M. L., Camper, S. A., McPherson, J. D., Wasmuth, J. J., Hakim, S., Wang, C., Turley, E. A., McDonald, J. A. The human and mouse receptors for hyaluronan-mediated motility, RHAMM, genes (HMMR) map to human chromosome 5q33.2-qter and mouse chromosome 11. <i>Genomics</i> 30: 115-117, 1995.

NCBI AND UNIPROT INFORMATION

NCBI GI #	217272802
NCBI GeneID	3161
NCBI Accession #	NP_001136028.1
NCBI GenBank Nucleotide #	NP_001136028.1
UniProt Accession #	O75330
NCBI Official Full Name	hyaluronan mediated motility receptor isoform a
NCBI Official Synonym Full Names	hyaluronan mediated motility receptor
NCBI Official Symbol	HMMR
NCBI Official Synonym Symbols	CD168; IHABP; RHAMM
NCBI Protein Information	hyaluronan mediated motility receptor
UniProt Protein Name	Hyaluronan mediated motility receptor
UniProt Gene Name	HMMR
UniProt Synonym Gene Names	IHABP; RHAMM
UniProt Entry Name	HMMR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.