

KD-Validated Anti-HMMR Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI2100**Specification****KD-Validated Anti-HMMR Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	O75330
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 84 kDa, observed, 75 kDa kDa
Gene Name	HMMR
Aliases	HMMR; Hyaluronan Mediated Motility Receptor; RHAMM; CD168; Intracellular Hyaluronic Acid-Binding Protein; Receptor For Hyaluronan-Mediated Motility; IHABP; Hyaluronan-Mediated Motility Receptor (RHAMM); Hyaluronan-Mediated Motility Receptor; CD168 Antigen
Immunogen	A synthesized peptide derived from human CD168

KD-Validated Anti-HMMR Rabbit Monoclonal Antibody - Additional Information

Gene ID	3161
Other Names	
Hyaluronan mediated motility receptor, Intracellular hyaluronic acid-binding protein, Receptor for hyaluronan-mediated motility, CD168, HMMR, IHABP, RHAMM	

KD-Validated Anti-HMMR Rabbit Monoclonal Antibody - Protein Information**Name** HMMR**Synonyms** IHABP, RHAMM**Function**

Receptor for hyaluronic acid (HA) (By similarity). Involved in cell motility (By similarity). When hyaluronan binds to HMMR, the phosphorylation of a number of proteins, including PTK2/FAK1 occurs. May also be involved in cellular transformation and metastasis formation, and in regulating extracellular-regulated kinase (ERK) activity. May act as a regulator of adipogenesis (By similarity).

Cellular Location

Cell surface {ECO:0000250|UniProtKB:Q00547}. Cytoplasm. Cytoplasm, cytoskeleton, spindle {ECO:0000250|UniProtKB:Q00547}

Tissue Location

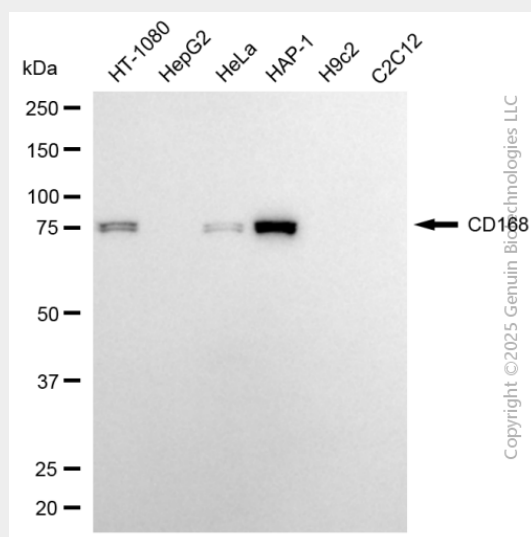
Expressed in testis (PubMed:22965910). Expressed in the breast (PubMed:8890751).

KD-Validated Anti-HMMR Rabbit Monoclonal Antibody - Protocols

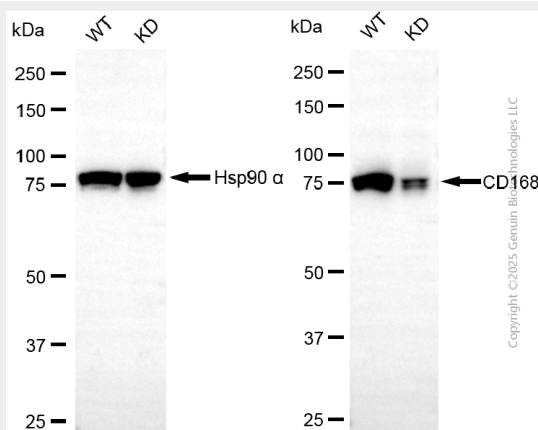
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-HMMR Rabbit Monoclonal Antibody - Images

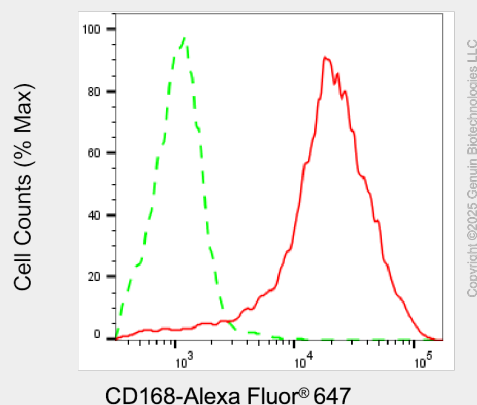


Western blotting analysis using anti-CD168 antibody (Cat#64888). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD168 antibody (Cat#64888, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-CD168 antibody (Cat#64888). CD168 expression in wild-type (WT) and HMMR knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a

loading control. The blot was incubated with anti-CD168 antibody (Cat#64888, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Flow cytometric analysis of BNIP3 expression in HepG2 cells using anti-BNIP3 antibody (Cat# 64885, 1:1,000). Green, isotype control; red, BNIP3.