

Product Name: KD-Validated HMMR Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00498

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 84.1kDa

Antigen Information

Gene Name	HMMR
Alternative Names	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
Gene ID	3161.0
SwissProt ID	O75330
Immunogen	A synthesized peptide derived from human CD168

Background

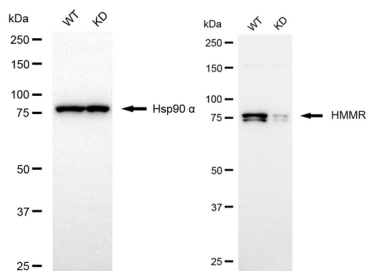
The protein encoded by this gene is involved in cell motility. It is expressed in breast tissue and together with other proteins, it

forms a complex with BRCA1 and BRCA2, thus is potentially associated with higher risk of breast cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Dec 2008]

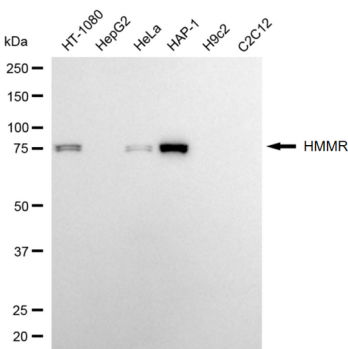
Research Area

Cancer

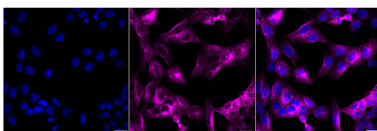
Image Data



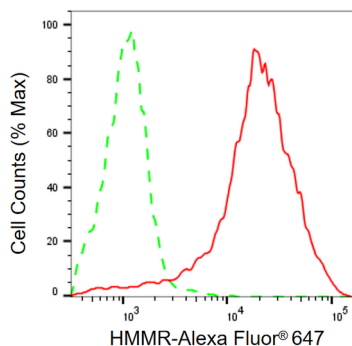
Western blotting analysis using HMMR antibody (KVA00498). HMMR expression in wild-type (WT) and HMMR knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with HMMR antibody (KVA00498, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using HMMR antibody (KVA00498). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with HMMR antibody (KVA00498, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HAP-1 cells with HMMR antibody (KVA00498, 1:1,000). Nuclei were stained blue with DAPI; HMMR was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.



Flow cytometric analysis of HMMR expression in HAP-1 cells using HMMR antibody (KVA00498, 1:2,000). Green, isotype control; red, HMMR.