

CD168 / RHAMM Antibody

Mouse Monoclonal Antibody [Clone HMMR/8021]

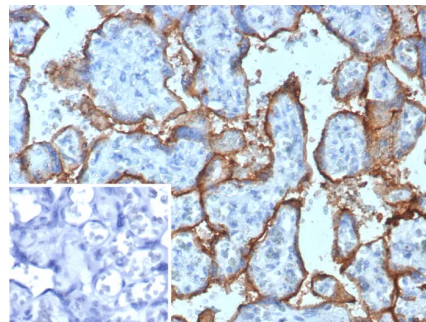
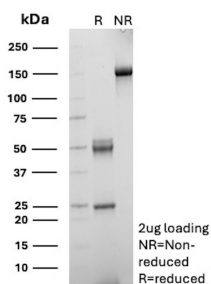
Catalog No	Format	Size
3161-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3161-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3161-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details	
Clone	HMMR/8021
Gene Name	HMMR
Immunogen	Recombinant fragment (around aa1-250) of human HMMR protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	85-90kDa
Cellular Localization	Cell Surface. Cytoplasm.
Species Reactivity	Human
Positive Control	breast cancer or placenta. Human breast

*Optimal dilution for a specific application should be determined.

Product Images for CD168 / RHAMM Antibody



SDS-PAGE Analysis of Purified CD168 Mouse Monoclonal Antibody (HMMR/8021). Confirmation of Purity and Integrity of Antibody.

Formalin-fixed, paraffin-embedded human placenta stained with CD168 / HMMR Mouse Monoclonal Antibody (HMMR/8021). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

Hyaluronic acid (HA) is a nonsulfated glycosaminoglycan that regulates cell adhesion and migration. HA effects are mediated through two receptors, CD44 (also designated HCAM) and the receptor of hyaluronic acid mediated motility (RHAMM). RHAMM, also designated intracellular hyaluronic acid binding protein (IHABP) and CD168, is a matrix receptor, which is linked to the plasma membrane by a GPI anchor and regulates cell motility. RHAMM expression is upregulated in malignant lymphoid tissues and is subsequently implicated in tumor progression and metastasis formation, as well as signal transduction. Although still unclear, RHAMM is thought to exist as several isoforms ranging in size. A variant isoform, designated v4, is a protein that when over-expressed, is thought to be the cause of transformation and metastasis formation in fibroblasts.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
