ARG58049
anti-CD168 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD168
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD168
Species	Human
Immunogen	Synthetic peptide derived from Human CD168.
Conjugation	Un-conjugated
Alternate Names	CD168; Intracellular hyaluronic acid-binding protein; IHABP; Receptor for hyaluronan-mediated motility; Hyaluronan mediated motility receptor; RHAMM; CD antigen CD168

Application Instructions

Application table

Application	Dilution
IHC-P	1:50 - 1:200
IP	1:50
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	LNCaP
Observed Size	~ 86 kDa

Properties

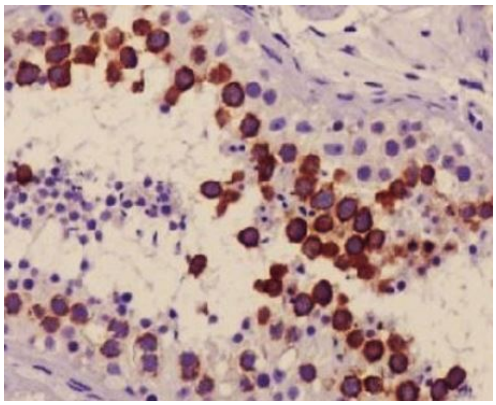
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

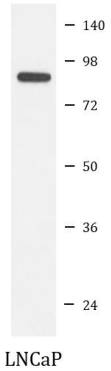
Gene Symbol	HMMR
Gene Full Name	hyaluronan-mediated motility receptor (RHAMM)
Background	The protein encoded by this gene is involved in cell motility. It is expressed in breast tissue and together with other proteins, it forms a complex with BRCA1 and BRCA2, thus is potentially associated with higher risk of breast cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Dec 2008]
Function	Involved in cell motility. 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. [UniProt]
Calculated Mw	84 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG58049 anti-CD168 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human testis tissue stained with ARG58049 anti-CD168 antibody.



ARG58049 anti-CD168 antibody WB image

Western blot: LNCaP cell lysate stained with ARG58049 anti-CD168 antibody.