

## ARG58100 anti-CD168 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CD168
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD168
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-300 of Human CD168 (NP_001136028.1).
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
	ICC/IF	1:50 - 1:200
	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	Jurkat	
Observed Size	~ 90 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 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.

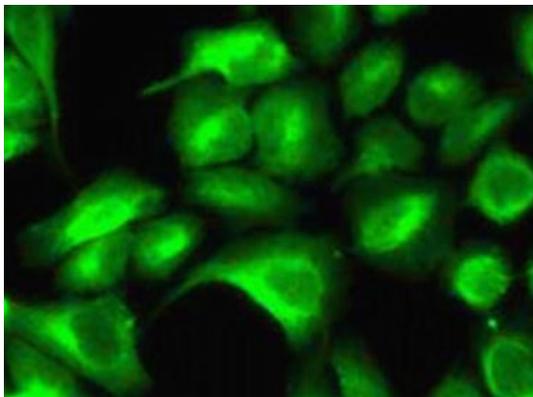
## Bioinformation

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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	Cell surface, Cytoplasm. [UniProt]

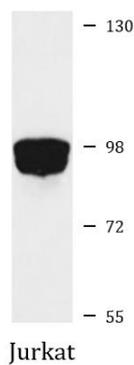
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## Images



ARG58100 anti-CD168 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG58100 anti-CD168 antibody.



ARG58100 anti-CD168 antibody WB image

Western blot: 25 µg of Jurkat cell lysate stained with ARG58100 anti-CD168 antibody at 1:1000 dilution.