

# Product Datasheet

## RHAMM/CD168 Antibody (2F2C9) - BSA Free NBP2-52437

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-52437**

RHAMM/CD168 Antibody (2F2C9) - BSA Free

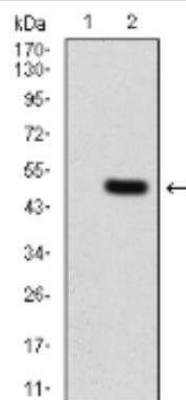
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F2C9
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	84.1 kDa

Product Description	
Host	Mouse
Gene ID	3161
Gene Symbol	HMMR
Species	Human
Immunogen	Purified recombinant fragment of human RHAMM/CD168 (AA: 306-497) expressed in E. Coli.

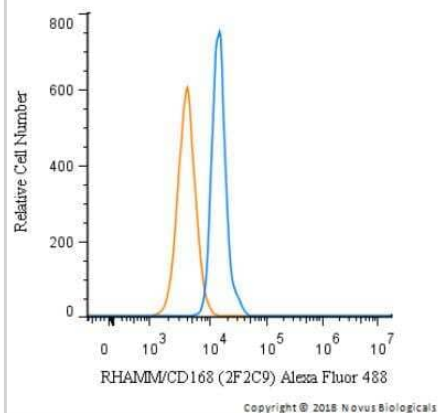
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

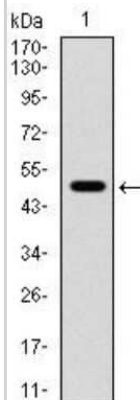
Western Blot: RHAMM/CD168 Antibody (2F2C9) [NBP2-52437] - Analysis using CD168 mAb against HEK293 (1) and CD168 (AA: 306-497)-hlgGfc transfected HEK293 (2) cell lysate.



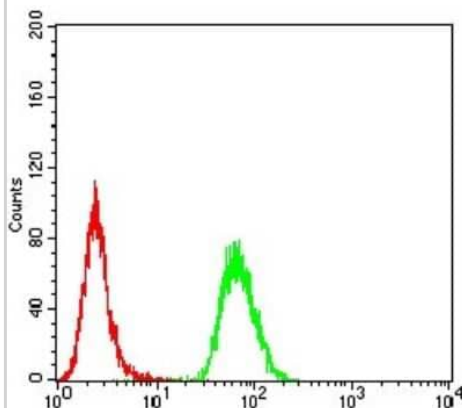
Flow Cytometry: RHAMM/CD168 Antibody (2F2C9) [NBP2-52437] - An intracellular stain was performed on Jurkat cells with RHAMM/CD168 Antibody (2F2C9) NBP2-52437AF488 and a matched isotype control. Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



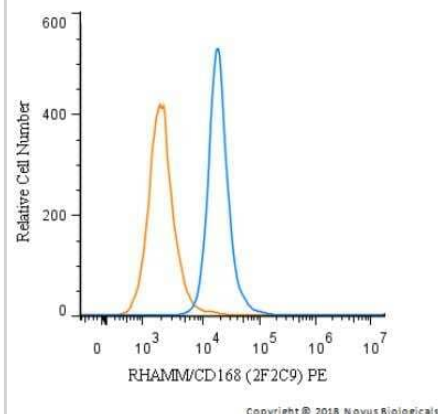
Western Blot: RHAMM/CD168 Antibody (2F2C9) [NBP2-52437] - Analysis using CD168 mAb against human CD168 (AA: 306-497) recombinant protein. (Expected MW is 48.3 kDa)



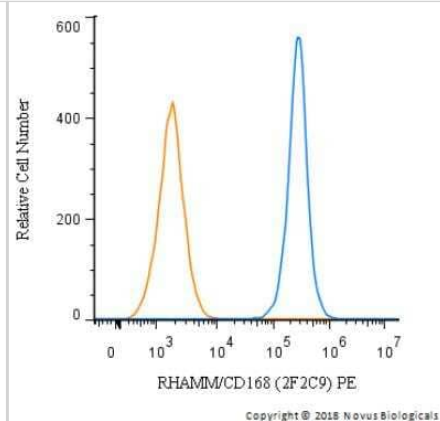
Flow Cytometry: RHAMM/CD168 Antibody (2F2C9) [NBP2-52437] - Analysis of Hela cells using CD168 mouse mAb (green) and negative control (red).



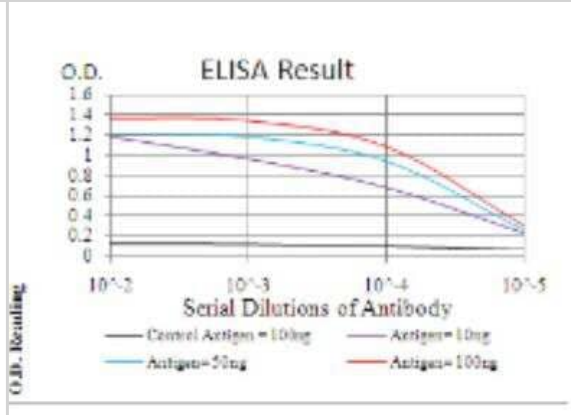
Flow Cytometry: RHAMM/CD168 Antibody (2F2C9) [NBP2-52437] - An intracellular stain was performed on A549 cells with RHAMM/CD168 Antibody (2F2C9) NBP2-52437PE and a matched isotype control. Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



Flow Cytometry: RHAMM/CD168 Antibody (2F2C9) [NBP2-52437] - An intracellular stain was performed on Jurkat cells with RHAMM/CD168 Antibody (2F2C9) NBP2-52437PE and a matched isotype control. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



ELISA: RHAMM/CD168 Antibody (2F2C9) [NBP2-52437] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



## Publications

Shea DJ, Li YW, Stebe KJ, Konstantopoulos K. E-selectin-mediated rolling facilitates pancreatic cancer cell adhesion to hyaluronic acid FASEB J. 2017-08-01 [PMID: 28765175] (FLOW)



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### **Products Related to NBP2-52437**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-56490PEP	RHAMM/CD168 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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