

Product Datasheet

ALCAM/CD166 Antibody (4H9A5) - BSA Free NBP2-37345

Unit Size: 0.1 ml

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

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NBP2-37345

ALCAM/CD166 Antibody (4H9A5) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4H9A5
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	65.1 kDa

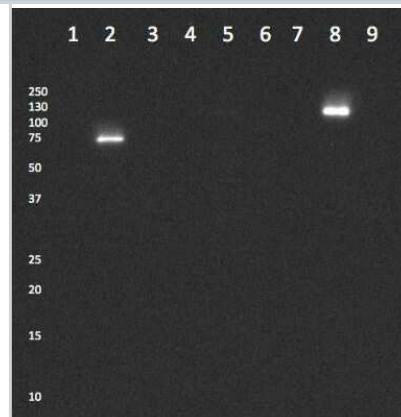
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse ALCAM/CD166 Antibody (4H9A5) - BSA Free (NBP2-37345) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	214
Gene Symbol	ALCAM
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Purified recombinant fragment of human ALCAM/CD166 (AA: 48-216) expressed in E. Coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready, Knockout Validated
Application Notes	This antibody is Cytof ready.

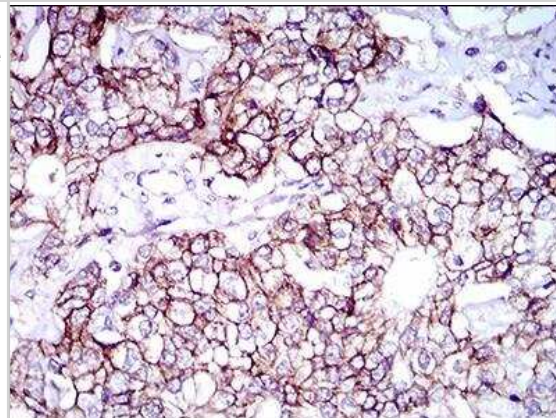


Images

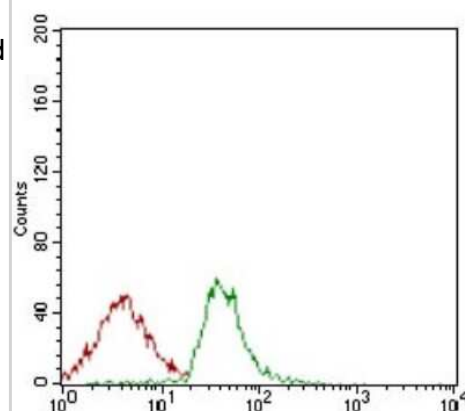
Western Blot: ALCAM/CD166 Antibody (4H9A5) [NBP2-37345] - Tested antibody against two HT1080 samples: One sample is an RFP control and the other is an ALCAM knockout. Whole cell lysate separated on 1D 12% PAGE gel under 3 conditions: 1. Denatured, deglycosylated, reduced; 2. Denatured; 3. Denatured, reduced. Loading order: 1. Protein Ladder 2. HT1080 ALCAM-RFP (Denatured, deglycosylated, reduced) 3. HT1080 ALCAM-KO (Denatured, deglycosylated, reduced) 4. Protein Ladder 5. HT1080 ALCAM-RFP (Denatured) 6. HT1080 ALCAM-KO (Denatured) 7. Protein Ladder 8. HT1080 ALCAM-RFP (Denatured, reduced) 9. HT1080 ALCAM-KO (Denatured, reduced). This image was submitted via customer Review.



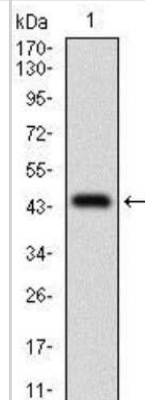
Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody (4H9A5) [NBP2-37345] - Analysis of prostate cancer tissues using ALCAM mouse mAb with DAB staining.



Flow Cytometry: ALCAM/CD166 Antibody (4H9A5) [NBP2-37345] - Flow cytometric analysis of Jurkat cells using ALCAM mouse mAb (green) and negative control (red).



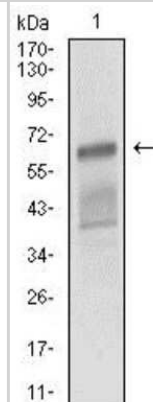
Western Blot: ALCAM/CD166 Antibody (4H9A5) [NBP2-37345] - Western blot analysis using ALCAM mAb against human ALCAM recombinant protein. (Expected MW is 44.9 kDa)



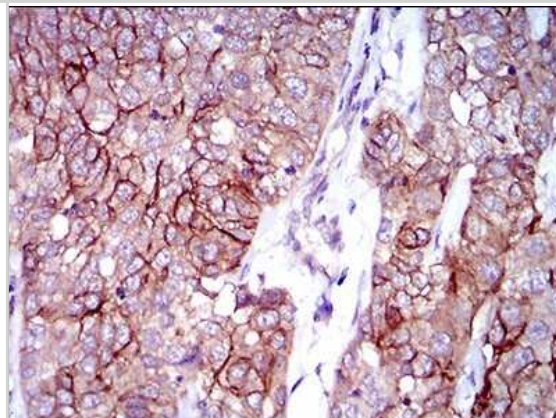
Western Blot: ALCAM/CD166 Antibody (4H9A5) [NBP2-37345] - Western blot analysis using ALCAM mAb against HEK293 (1) and ALCAM (AA: 48-216)-hlgGfc transfected HEK293 (2) cell lysate.



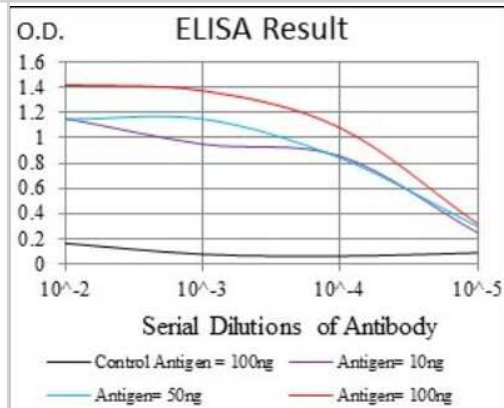
Western Blot: ALCAM/CD166 Antibody (4H9A5) [NBP2-37345] - Western blot analysis using ALCAM mouse mAb against NIH/3T3 cell lysate.



Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody (4H9A5) [NBP2-37345] - Analysis of bladder cancer tissues using ALCAM mouse mAb with DAB staining.



ELISA: ALCAM/CD166 Antibody (4H9A5) [NBP2-37345] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);





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Products Related to NBP2-37345

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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