

# Product Datasheet

## Integrin alpha 5/CD49e Antibody (8F206) NBP3-15645-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15645-100ul**

Integrin alpha 5/CD49e Antibody (8F2O6)

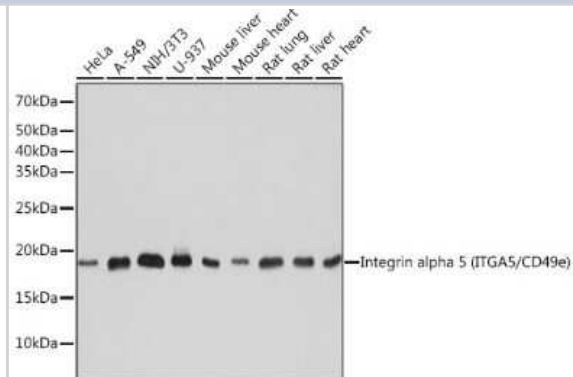
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8F2O6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3

Product Description	
Host	Rabbit
Gene ID	3678
Gene Symbol	ITGA5
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 950-1049 of human Integrin alpha 5/CD49e (P08648). HQPFSLQCEAVYKALKMPYRILPRQLPQKERQVATAVQWTKAEGSYGVPLWIII LAILFGLLLLGLLIYILYKLGFFKRSLPYGTAMEKAQLKPPATSDA

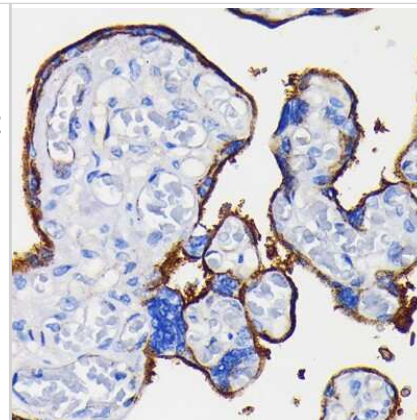
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:50 - 1:200, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

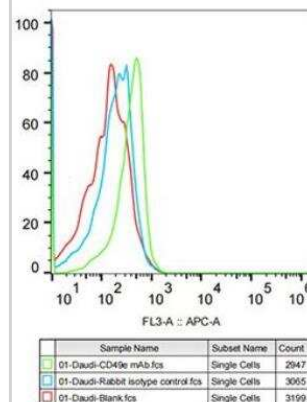
Western Blot: Integrin alpha 5/CD49e Antibody (8F2O6) [NBP3-15645] - Analysis of extracts of various cell lines, using Integrin alpha 5/CD49e (ITGA5/CD49e) antibody (NBP3-15645) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



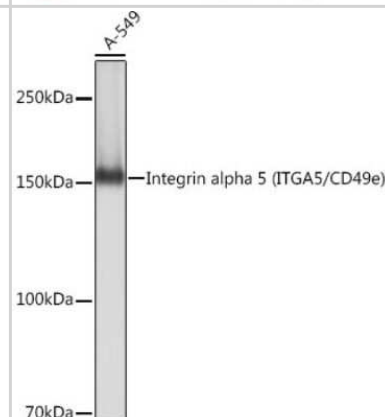
**Immunohistochemistry-Paraffin: Integrin alpha 5/CD49e Antibody (8F2O6) [NBP3-15645]** - Human placenta using Integrin alpha 5/CD49e (ITGA5/CD49e) Rabbit mAb (NBP3-15645) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



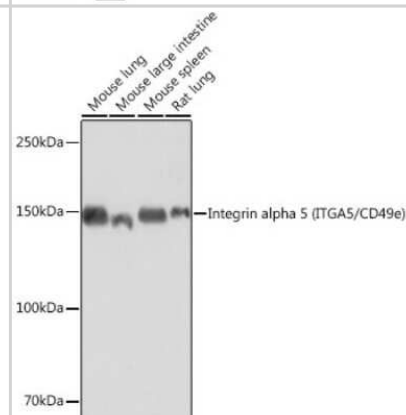
**Flow Cytometry: Integrin alpha 5/CD49e Antibody (8F2O6) [NBP3-15645]** - Daudi cells were stained with Rabbit IgG isotype control (AC042, 10 ug/ml, blue line) or Integrin alpha 5 (ITGA5/CD49e) Rabbit mAb (5 ug/ml green line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb (1:600 dilution) staining. Non-fluorescently stained Daudi cells were used as blank control (red line).



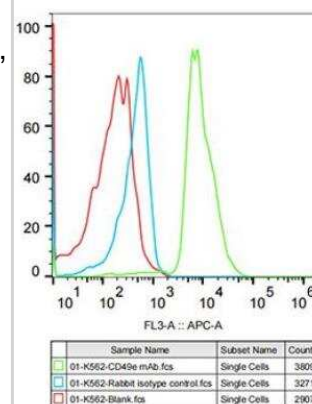
**Western Blot: Integrin alpha 5/CD49e Antibody (8F2O6) [NBP3-15645]** - Analysis of extracts of A-549 cells, using Integrin alpha 5/CD49e (ITGA5/CD49e) antibody (NBP3-15645) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



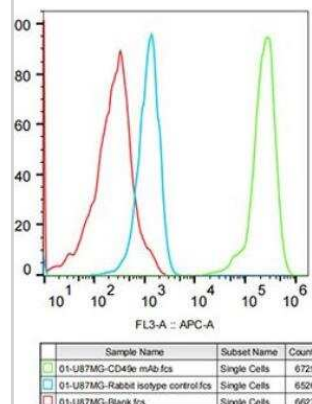
**Western Blot: Integrin alpha 5/CD49e Antibody (8F2O6) [NBP3-15645]** - Analysis of extracts of various cell lines, using Integrin alpha 5/CD49e (ITGA5/CD49e) antibody (NBP3-15645) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



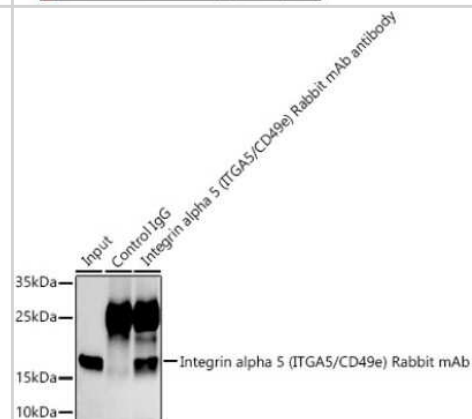
Flow Cytometry: Integrin alpha 5/CD49e Antibody (8F2O6) [NBP3-15645] - K562 cells were stained with Rabbit IgG isotype control (AC042, 10 ug/ml, blue line) or Integrin alpha 5 (ITGA5/CD49e) Rabbit mAb (ug/ml green line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb(1:600 dilution) staining. Non-fluorescently stained K562 cells were used as blank control (red line).



Flow Cytometry: Integrin alpha 5/CD49e Antibody (8F2O6) [NBP3-15645] - U-87MG cells were stained with Rabbit IgG isotype control (AC042, 10 ug/ml, blue line) or Integrin alpha 5 (ITGA5/CD49e) Rabbit mAb (5 ug/ml green line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb(1:600 dilution) staining. Non-fluorescently stained U-87MG cells were used as blank control (red line).



Immunoprecipitation: Integrin alpha 5/CD49e Antibody (8F2O6) [NBP3-15645] - Analysis of 300ug extracts of A549 cells using 3ug Integrin alpha 5/CD49e antibody (NBP3-15645). Western blot was performed from the immunoprecipitate using Integrin alpha 5/CD49e antibody (NBP3-15645) at a dilution of 1:1000.





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### **Products Related to NBP3-15645-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-84576PEP	Integrin alpha 5/CD49e 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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