

# Product Datasheet

## SPG7 Antibody (OT11C1) - Azide and BSA Free NBP2-74327

Unit Size: 100 ug

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

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**NBP2-74327**

SPG7 Antibody (OTI1C1) - Azide and BSA Free

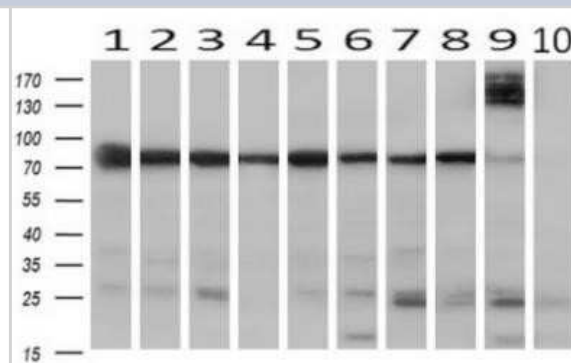
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1C1
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	88.1 kDa

Product Description	
Host	Mouse
Gene ID	6687
Gene Symbol	SPG7
Species	Human, Mouse, Rat, Canine, Monkey
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	Human recombinant protein fragment corresponding to amino acids 300-573 of human SPG7(NP_003110) produced in E.coli.

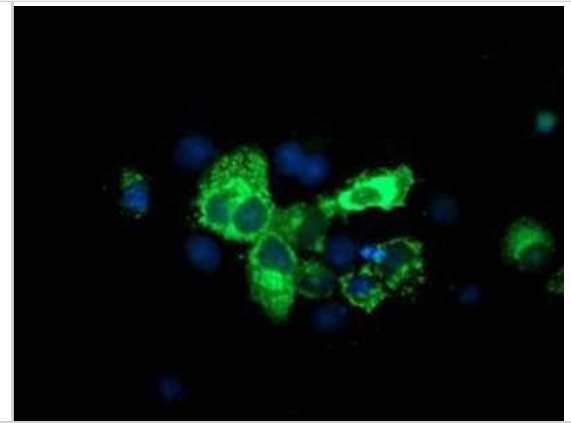
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

**Images**

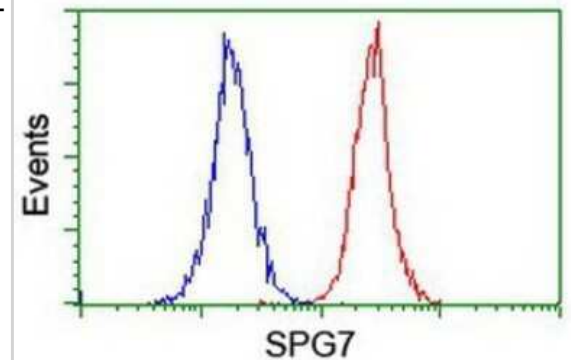
Western Blot: SPG7 Antibody (OTI1C1) - Azide and BSA Free [NBP2-74327] - Human tissue.



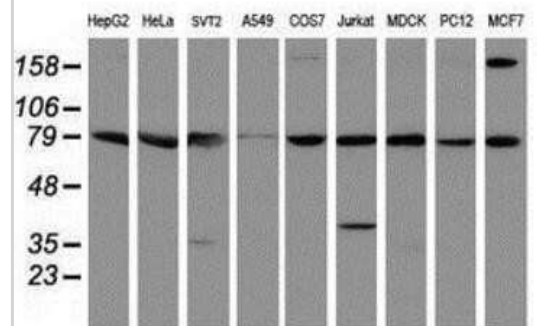
Immunocytochemistry/Immunofluorescence: SPG7 Antibody (OT11C1) - Azide and BSA Free [NBP2-74327] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY SPG7.



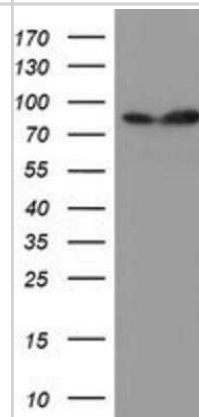
Flow Cytometry: SPG7 Antibody (OT11C1) - Azide and BSA Free [NBP2-74327] - Analysis of Jurkat cells, using anti-SPG7 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



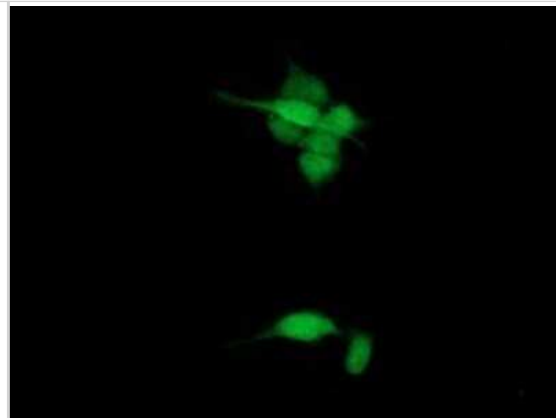
Western Blot: SPG7 Antibody (OT11C1) - Azide and BSA Free [NBP2-74327] - Analysis of extracts (35ug) from 9 different cell lines by using anti-SPG7 monoclonal antibody.



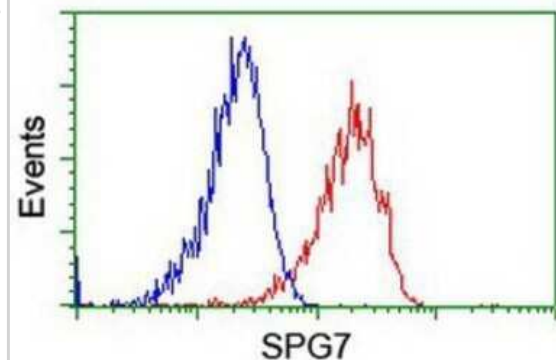
Western Blot: SPG7 Antibody (OT11C1) - Azide and BSA Free [NBP2-74327] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SPG7 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SPG7.



Immunocytochemistry/Immunofluorescence: SPG7 Antibody (OT11C1) - Azide and BSA Free [NBP2-74327] - Staining of HeLa cells using anti-SPG7 mouse monoclonal antibody.



Flow Cytometry: SPG7 Antibody (OT11C1) - Azide and BSA Free [NBP2-74327] - Analysis of HeLa cells, using anti-SPG7 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-74327**

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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)
H00006687-Q01-10ug	Recombinant Human SPG7 GST (N-Term) Protein

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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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