

Product Datasheet

AK5 Antibody (OTI2F9) - Azide and BSA Free NBP2-71813

Unit Size: 100 ug

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

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NBP2-71813

AK5 Antibody (OTI2F9) - Azide and BSA Free

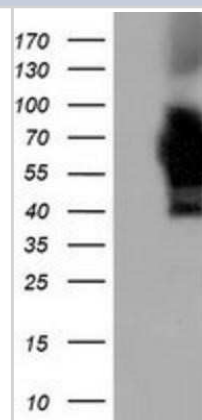
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2F9
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	63.2 kDa

Product Description	
Host	Mouse
Gene ID	26289
Gene Symbol	AK5
Species	Human, Mouse, Rat
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	Full length human recombinant protein of human AK5 (NP_777283) produced in HEK293T cell.

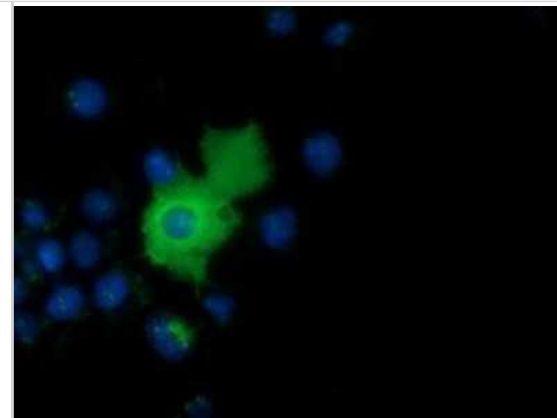
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

Images

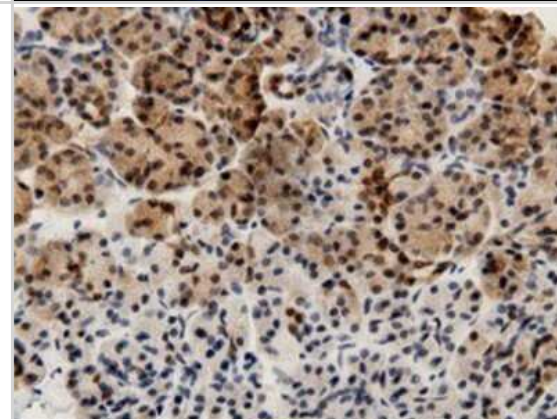
Western Blot: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AK5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AK5.



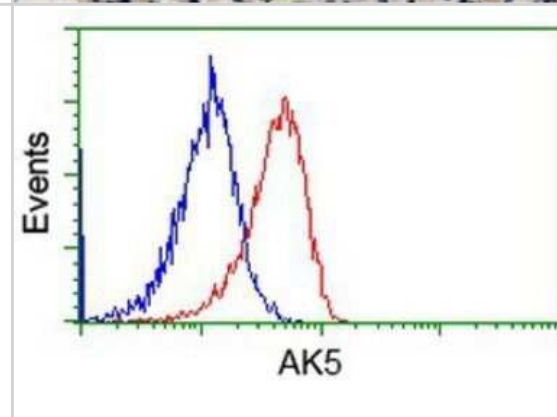
Immunocytochemistry/Immunofluorescence: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY AK5.



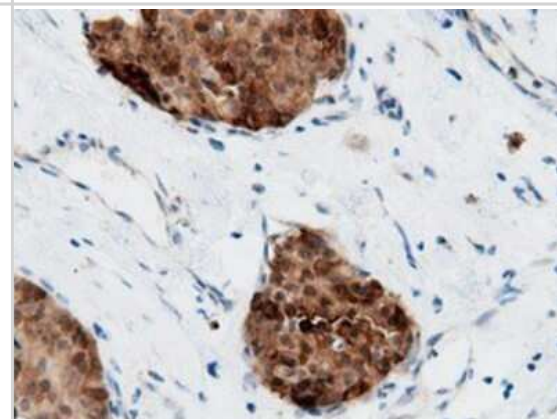
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human pancreas tissue using anti-AK5 mouse monoclonal antibody.



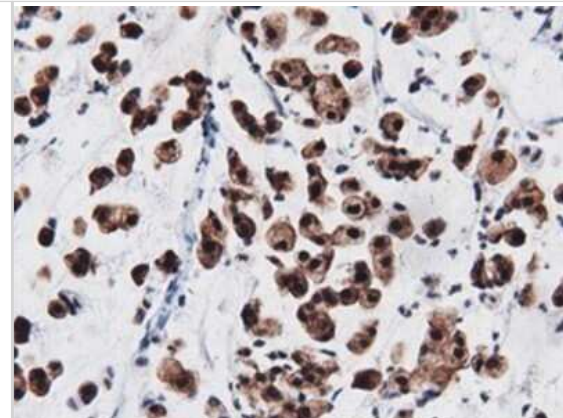
Flow Cytometry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Analysis of Jurkat cells, using anti-AK5 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-AK5 mouse monoclonal antibody.



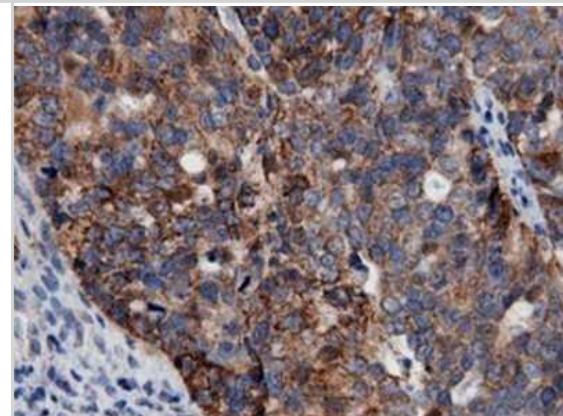
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-AK5 mouse monoclonal antibody.



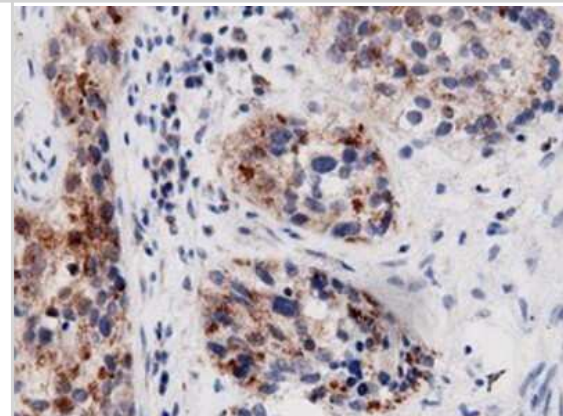
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-AK5 mouse monoclonal antibody.



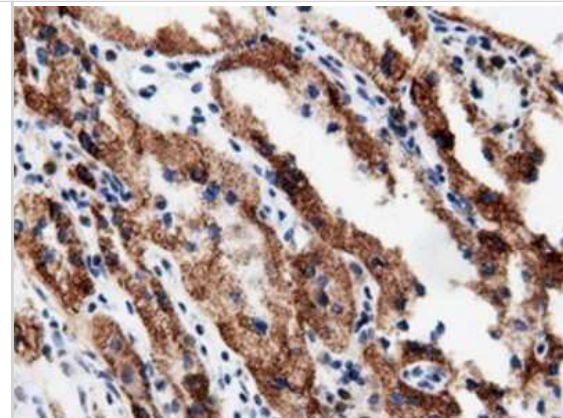
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-AK5 mouse monoclonal antibody.



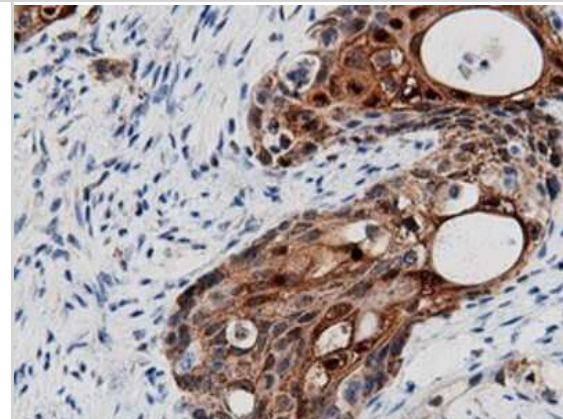
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-AK5 mouse monoclonal antibody.



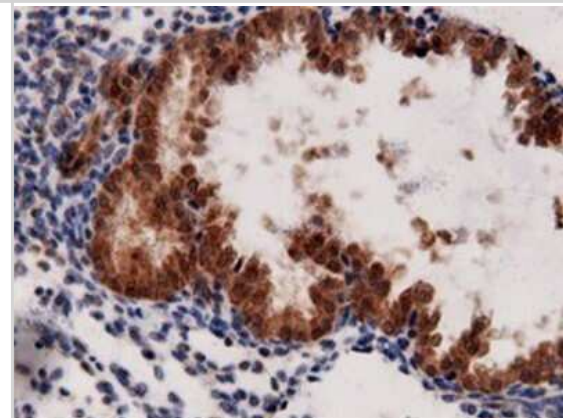
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-AK5 mouse monoclonal antibody.



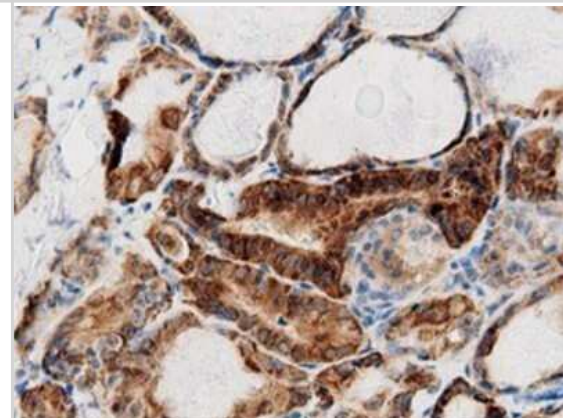
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-AK5 mouse monoclonal antibody.



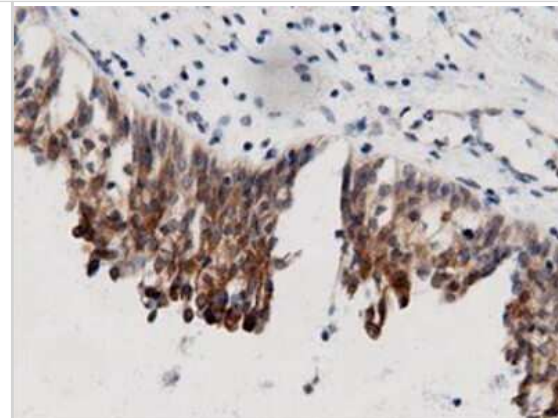
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-AK5 mouse monoclonal antibody.



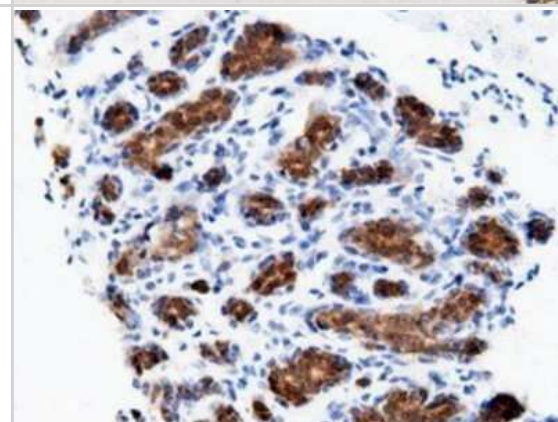
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-AK5 mouse monoclonal antibody.



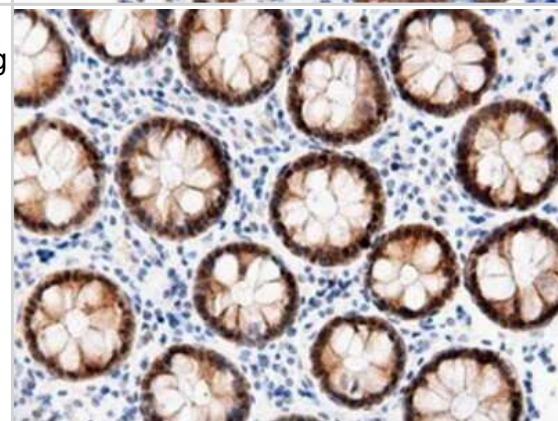
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human bladder tissue using anti-AK5 mouse monoclonal antibody.



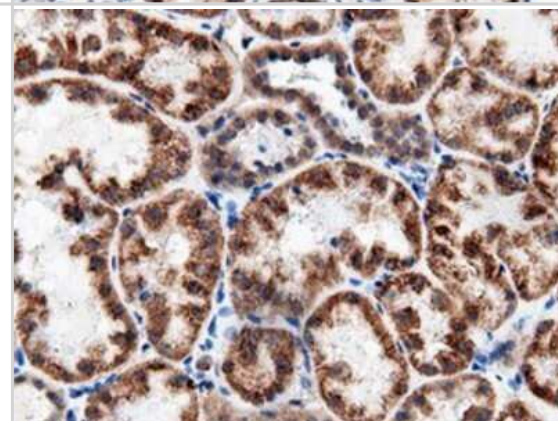
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human breast tissue using anti-AK5 mouse monoclonal antibody.



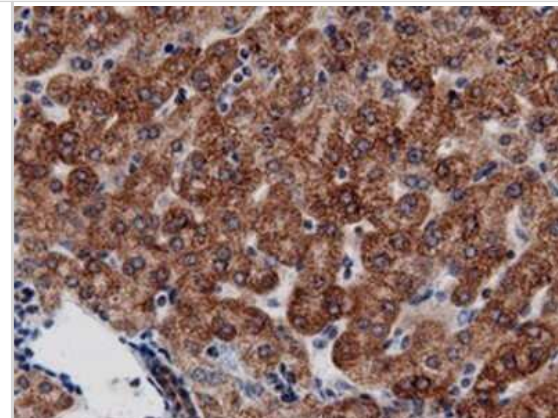
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human colon tissue using anti-AK5 mouse monoclonal antibody.



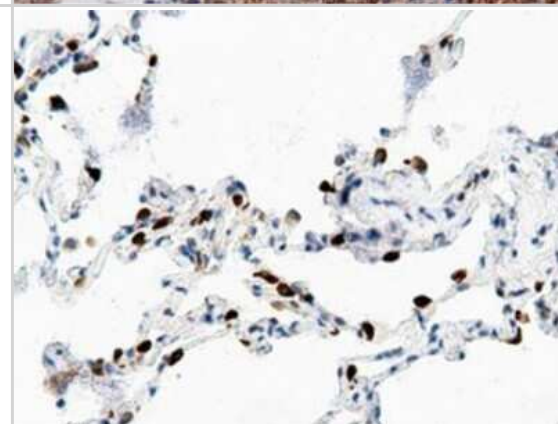
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human Kidney tissue using anti-AK5 mouse monoclonal antibody.



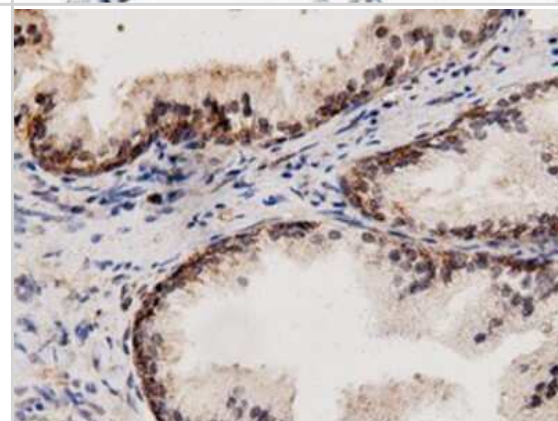
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human liver tissue using anti-AK5 mouse monoclonal antibody.



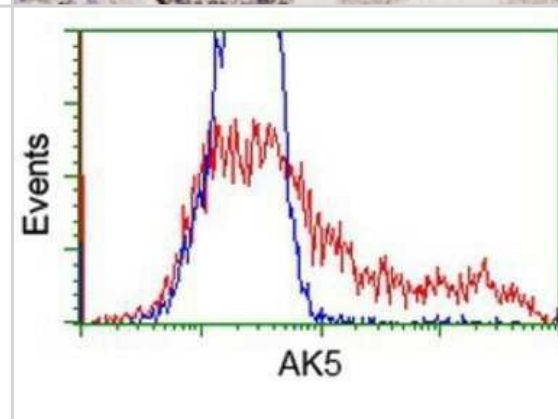
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human lung tissue using anti-AK5 mouse monoclonal antibody.



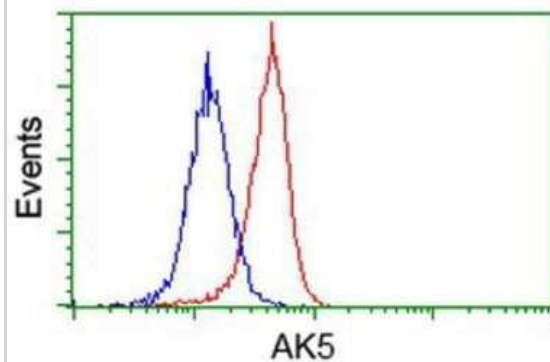
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human prostate tissue using anti-AK5 mouse monoclonal antibody.



Flow Cytometry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-AK5 antibody, and then analyzed by flow cytometry.



CyTOF-ready: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Analysis of Hela cells, using anti-AK5 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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Products Related to NBP2-71813

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-72502-50ug	Recombinant Human AK5 His Protein

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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