

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

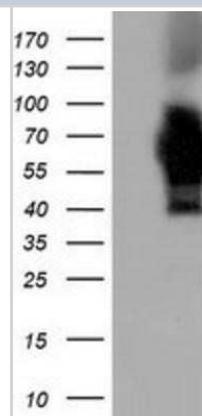
| Product Information | |
|-----------------------------|--|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI2F9 |
| Preservative | No Preservative |
| Reconstitution Instructions | we recommend adding 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. |

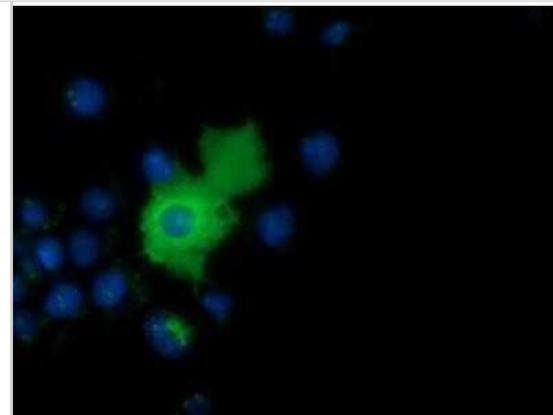
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready |
| Recommended Dilutions | Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/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

Images

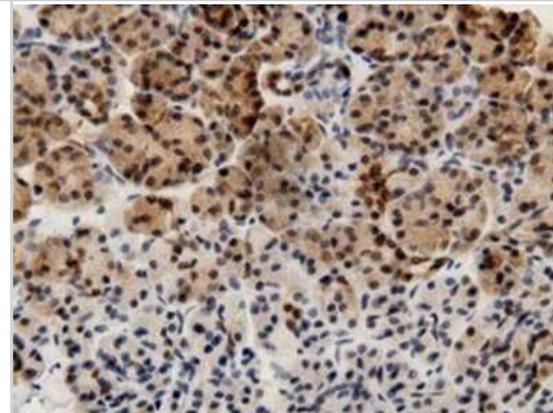
Western Blot: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AK5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with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



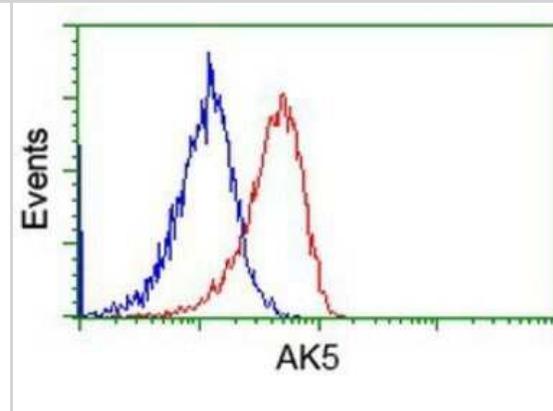
Immunocytochemistry/Immunofluorescence: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY AK5.



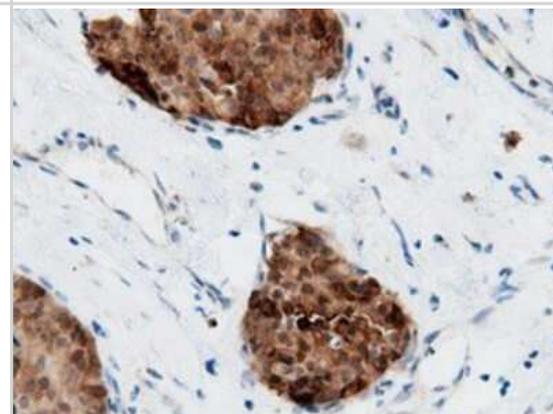
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human pancreas tissue using anti-AK5 mouse monoclonal antibody.



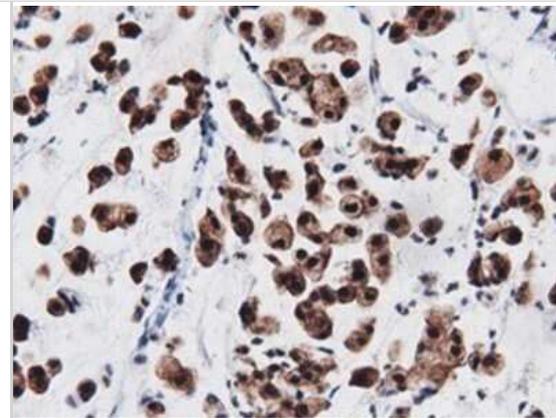
Flow Cytometry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Analysis of Jurkat cells, using anti-AK5 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



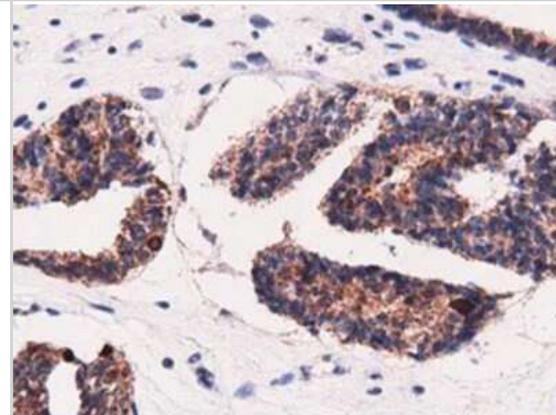
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-AK5 mouse monoclonal antibody.



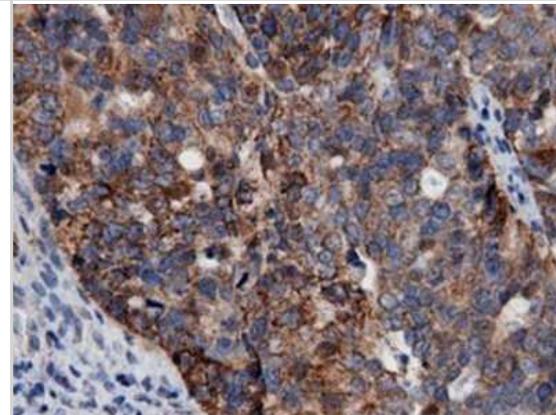
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-AK5 mouse monoclonal antibody.



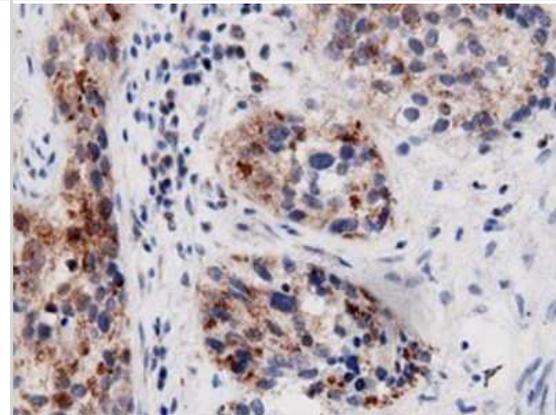
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-AK5 mouse monoclonal antibody.



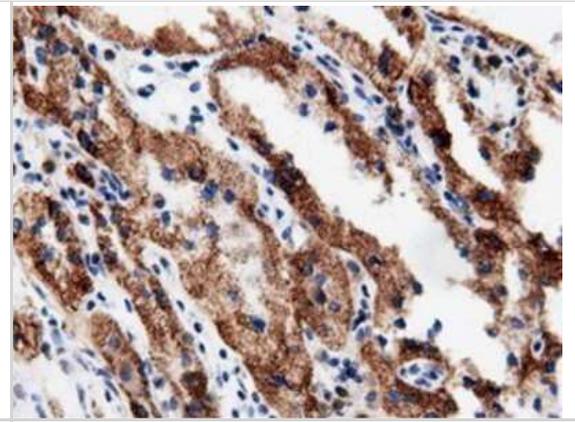
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-AK5 mouse monoclonal antibody.



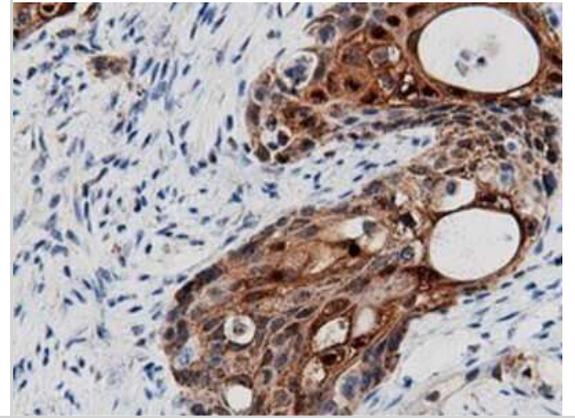
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-AK5 mouse monoclonal antibody.



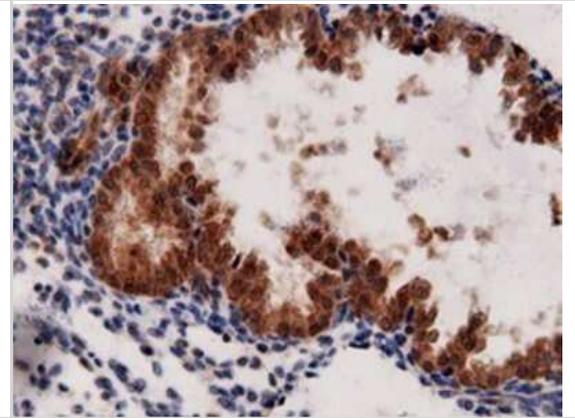
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-AK5 mouse monoclonal antibody.



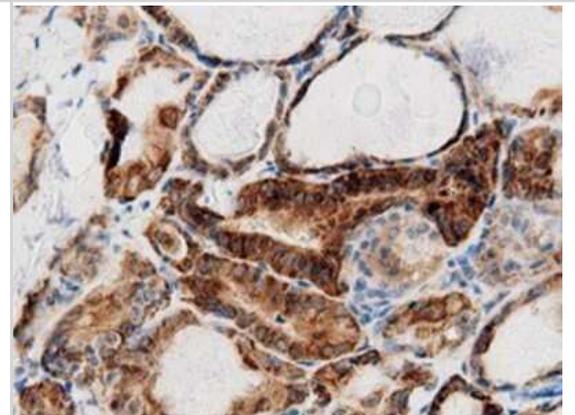
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-AK5 mouse monoclonal antibody.



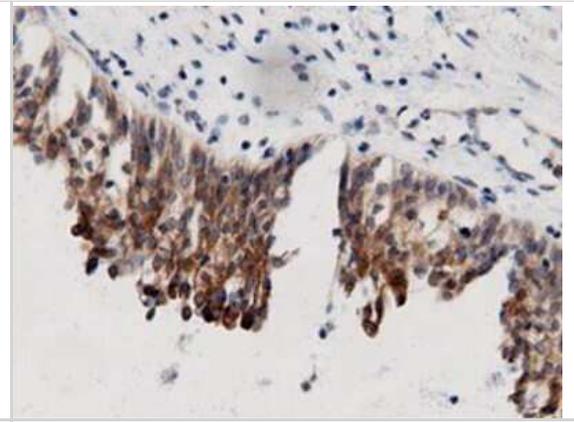
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-AK5 mouse monoclonal antibody.



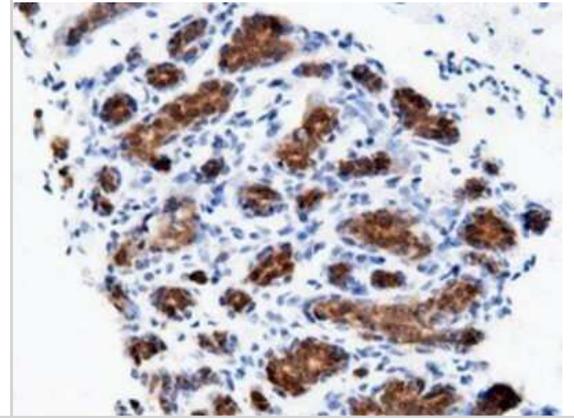
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-AK5 mouse monoclonal antibody.



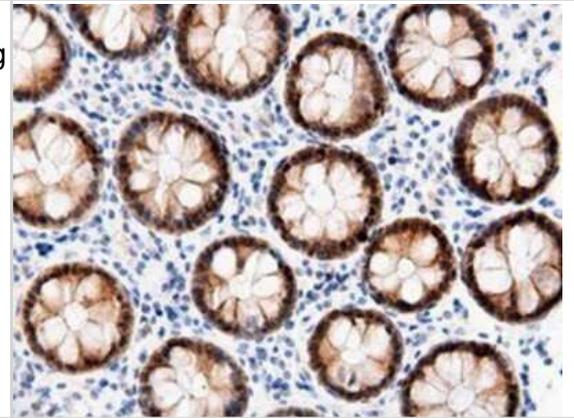
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human bladder tissue using anti-AK5 mouse monoclonal antibody.



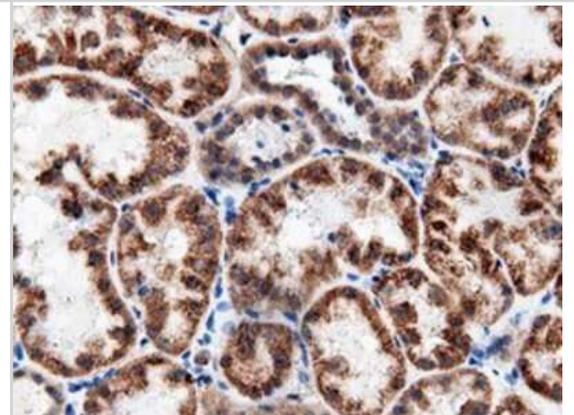
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human breast tissue using anti-AK5 mouse monoclonal antibody.



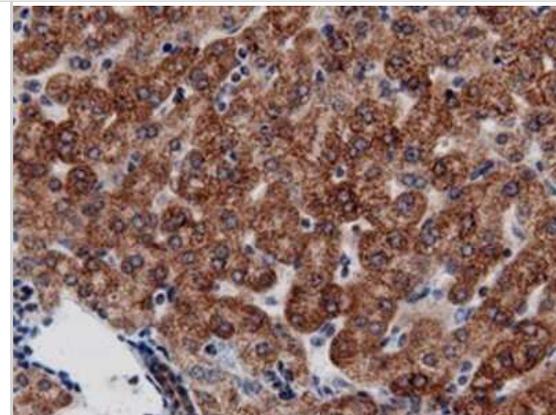
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human colon tissue using anti-AK5 mouse monoclonal antibody.



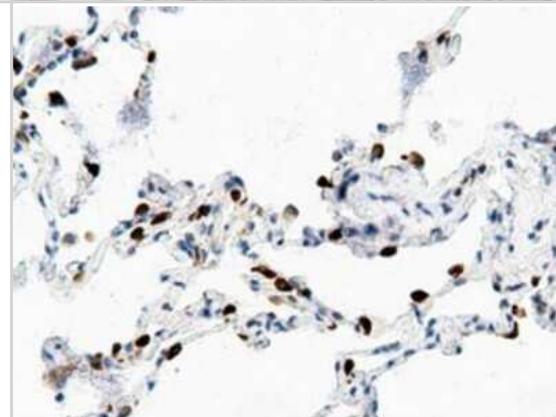
Immunohistochemistry: AK5 Antibody (OT12F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human Kidney tissue using anti-AK5 mouse monoclonal antibody.



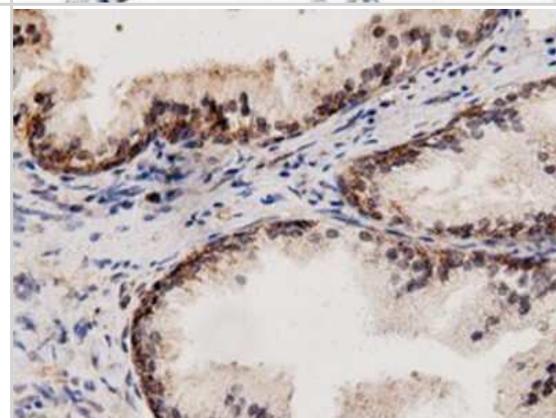
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human liver tissue using anti-AK5 mouse monoclonal antibody.



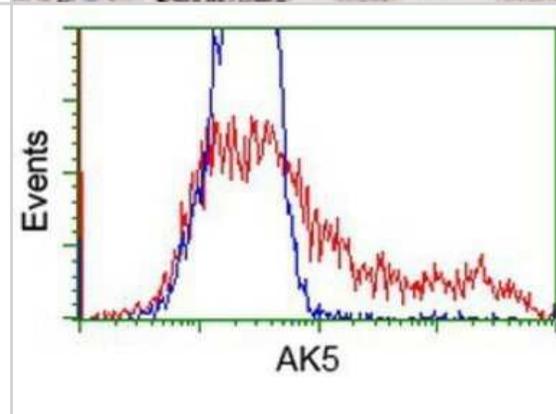
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human lung tissue using anti-AK5 mouse monoclonal antibody.



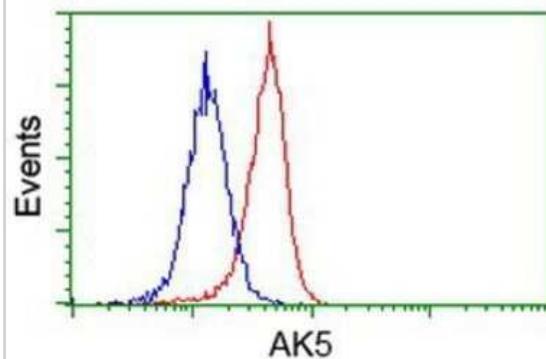
Immunohistochemistry: AK5 Antibody (OTI2F9) - Azide and BSA Free [NBP2-71813] - Staining of paraffin-embedded Human prostate tissue using anti-AK5 mouse monoclonal antibody.



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 (OT12F9) - 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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