

# Product Datasheet

## ADE2 Antibody (OT1B4) - Azide and BSA Free NBP2-71610

Unit Size: 100 ug

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

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Updated 9/9/2025 v.20.1

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**NBP2-71610**

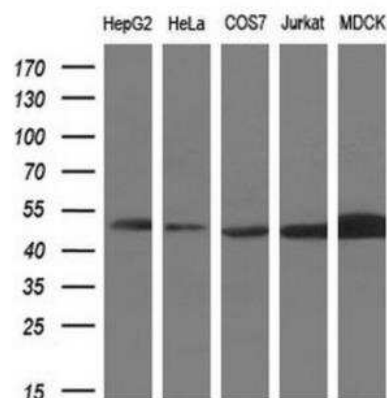
ADE2 Antibody (OTI1B4) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1B4
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	46.9 kDa
Product Description	
Description	Novus Biologicals Mouse ADE2 Antibody (OTI1B4) - Azide and BSA Free (NBP2-02817) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10606
Gene Symbol	PAICS
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 PAICS (NP_006443) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

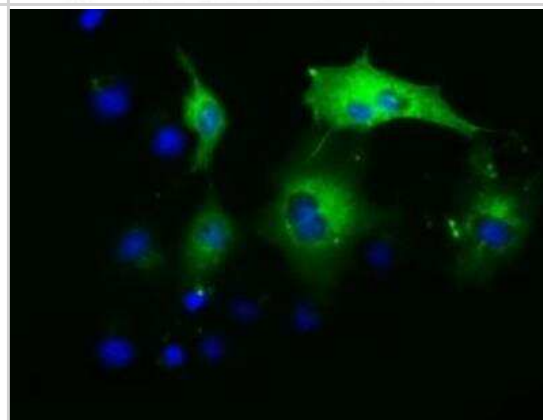


## Images

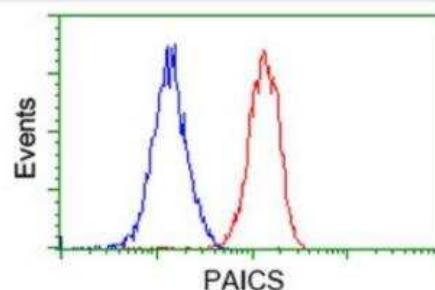
Western Blot: ADE2 Antibody (OTI1B4) - Azide and BSA Free [NBP2-71610] - Analysis of extracts (10ug) from 5 different cell lines by using anti-PAICS monoclonal antibody at 1:200 dilution.



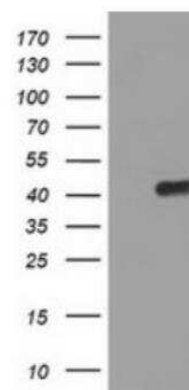
Immunocytochemistry/Immunofluorescence: ADE2 Antibody (OTI1B4) - Azide and BSA Free [NBP2-71610] - staining of COS7 cells transiently transfected by pCMV6-ENTRY PAICS.



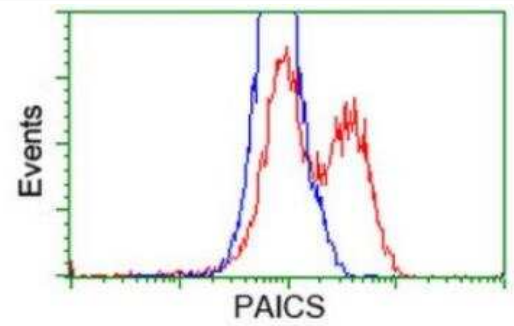
Flow Cytometry: ADE2 Antibody (OTI1B4) - Azide and BSA Free [NBP2-71610] - Analysis of Jurkat cells, using anti-PAICS antibody (Red), compared to a nonspecific negative control antibody (Blue).



Western Blot: ADE2 Antibody (OTI1B4) - Azide and BSA Free [NBP2-71610] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PAICS (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-PAICS. Positive lysates.



Flow Cytometry: ADE2 Antibody (OTI1B4) - Azide and BSA Free [NBP2-71610] - HEK293T cells transfected with overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PAICS antibody and then analyzed by flow cytometry.





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### **Products Related to NBP2-71610**

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)
NBP2-51641-0.1mg	Recombinant Human ADE2 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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