

# Product Datasheet

## DOK7 Antibody (OTI1A9) NBP2-02073

Unit Size: 0.1 ml

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

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**NBP2-02073**

DOK7 Antibody (OTI1A9)

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI1A9
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	52.9 kDa

**Product Description**

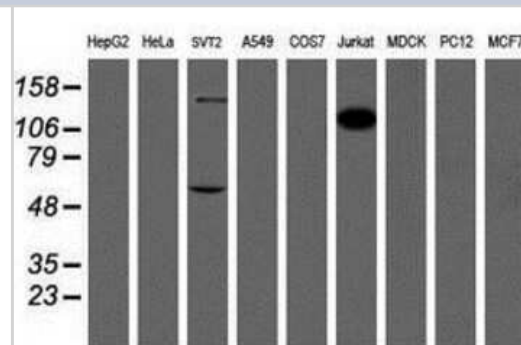
<b>Host</b>	Mouse
<b>Gene ID</b>	285489
<b>Gene Symbol</b>	DOK7
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background 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.
<b>Immunogen</b>	Full length human recombinant protein of human DOK7(NP_775931) produced in HEK293T cell.

**Product Application Details**

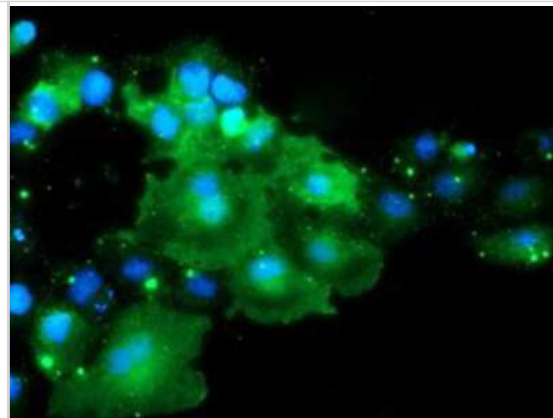
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

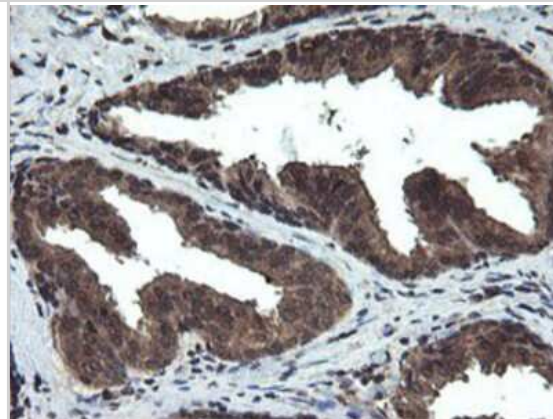
Western Blot: DOK7 Antibody (1A9) [NBP2-02073] Analysis of extracts (35ug) from 9 different cell lines by using anti-DOK7 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



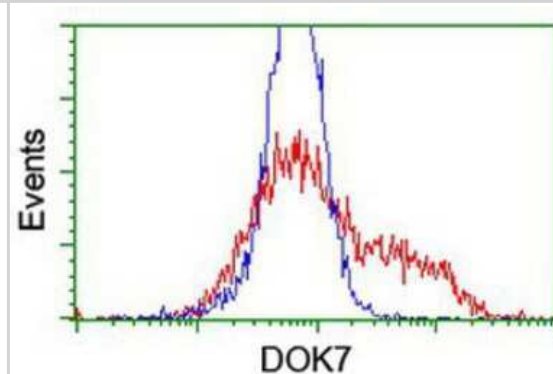
Immunocytochemistry/Immunofluorescence: DOK7 Antibody (1A9) [NBP2-02073] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY DOK7.



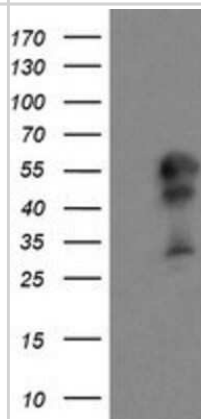
Immunohistochemistry-Paraffin: DOK7 Antibody (1A9) [NBP2-02073] - Staining of paraffin-embedded Human prostate tissue using anti-DOK7 mouse monoclonal antibody.



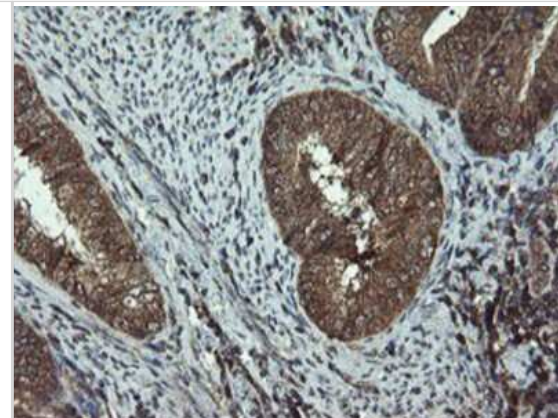
Flow Cytometry: DOK7 Antibody (1A9) [NBP2-02073] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DOK7 antibody, and then analyzed by flow cytometry.



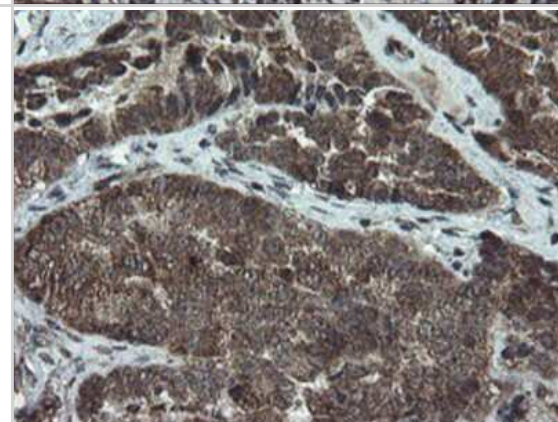
Western Blot: DOK7 Antibody (1A9) [NBP2-02073] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DOK7 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DOK7.



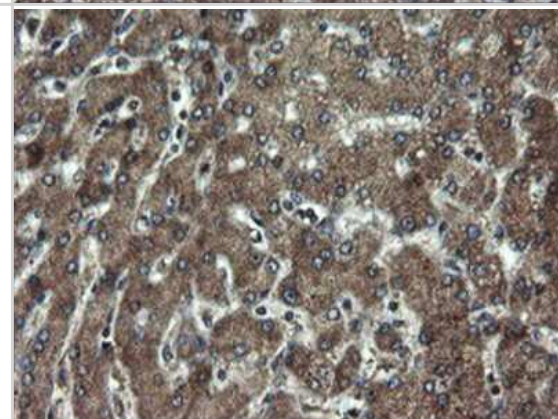
Immunohistochemistry-Paraffin: DOK7 Antibody (1A9) [NBP2-02073] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-DOK7 mouse monoclonal antibody.



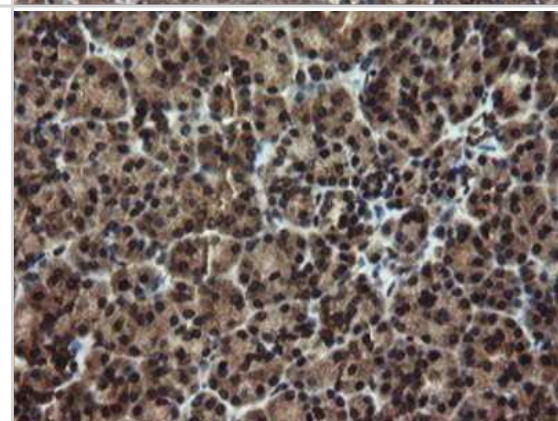
Immunohistochemistry-Paraffin: DOK7 Antibody (1A9) [NBP2-02073] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-DOK7 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: DOK7 Antibody (1A9) [NBP2-02073] - Staining of paraffin-embedded Human liver tissue using anti-DOK7 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: DOK7 Antibody (1A9) [NBP2-02073] - Staining of paraffin-embedded Human pancreas tissue using anti-DOK7 mouse monoclonal antibody.



## Publications

Juhlen R, Breckpot J, Fahrenkrog B Centrosome and ciliary abnormalities in fetal akinesia deformation sequence human fibroblasts Sci Rep 2020-11-10 [PMID: 33168876] (WB, Human)

Juhlen R, Breckpot J, Fahrenkrog B Centrosome and ciliary abnormalities in fetal akinesia deformation sequence human fibroblasts bioRxiv (ICC/IF)





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### **Products Related to NBP2-02073**

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)
NBP2-32465PEP	DOK7 Recombinant Protein Antigen

### **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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