

Datasheet for ABIN5650002

anti-HNF1B antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HNF1B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HNF1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant human HNF1B.
Immunogen:	Recombinant protein corresponding to human HNF1B.
Sequence:	KEVLVQALEE LLPSPNFGVK LETLPLSPGS GAEPDTKPVF HTLTNGHAKG RLSGDEGSSED GDDYDTPPIL KELQALNTEE AAQRAEVDR MLSEDPWRAA KMIKGYMQQH
Clone:	CL0374
Isotype:	IgG1
Cross-Reactivity:	Human

Target Details

Target:	HNF1B
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Target Details

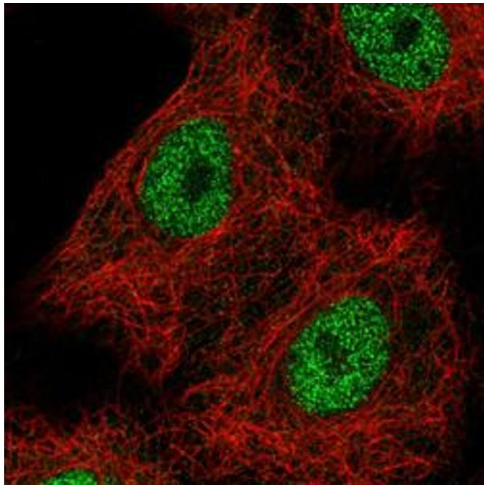
Alternative Name:	HNF1B (HNF1B Products)
Background:	Full Gene Name: HNF1 homeobox B Synonyms: FJHN,HNF1beta,HNF2,HPC11,LF-B3,LFB3,MODY5,TCF2,VHNF1
Gene ID:	6928
Pathways:	Hormone Transport , Stem Cell Maintenance , Tube Formation

Application Details

Application Notes:	Immunofluorescence (1-4 µg/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

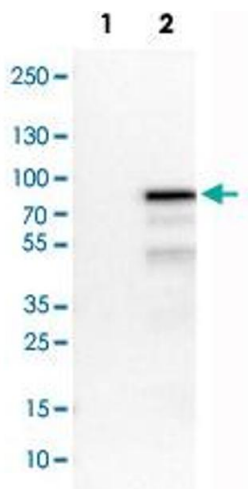
Handling

Format:	Liquid
Buffer:	In PBS, pH 7.2 (40 % glycerol, 0.02 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.



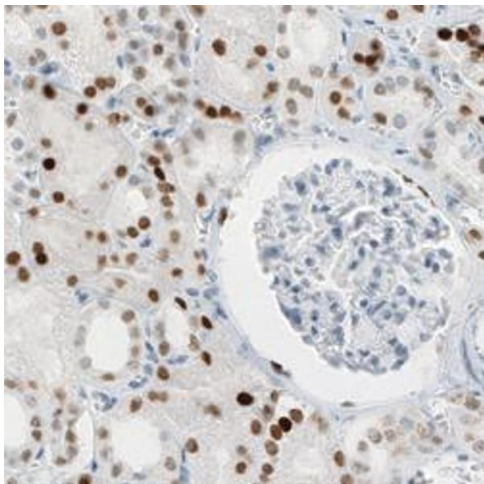
Immunofluorescence

Image 1. Immunofluorescent staining of A549 cells with HNF1B monoclonal antibody, clone CL0374 (Green) shows spotty nuclear (without nucleoli) staining. Microtubule probes are visualized in red (where available).



Western Blotting

Image 2. Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with HNF1B monoclonal antibody, clone CL0374.



Immunohistochemistry

Image 3. Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with HNF1B monoclonal antibody, clone CL0374 shows moderate to strong nuclear immunoreactivity in renal tubules.