

# Product Datasheet

## ILK Antibody NB100-60451

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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### Publications: 1

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**NB100-60451**

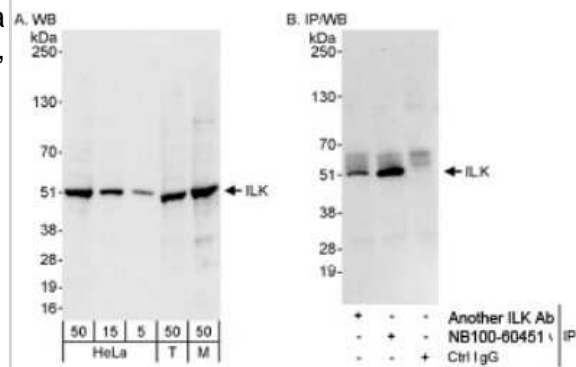
ILK Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA
<b>Target Molecular Weight</b>	51 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3611
<b>Gene Symbol</b>	ILK
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 402 and 451 of human integrin-linked kinase using the numbering given in entry NP_004508.1 (GeneID 3611).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 2-5 ug/mg lysate
<b>Application Notes</b>	Acetone fixation is recommended. Permeabilization is not recommended. Formaldehyde fixation is not recommended.

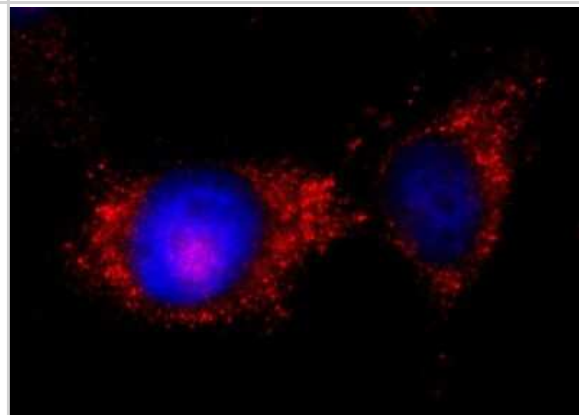


## Images

Western Blot: ILK Antibody [NB100-60451] - Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 ug), and mouse NIH3T3 (M; 50 ug) cells. NB100-60451 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate.



Immunocytochemistry/Immunofluorescence: ILK Antibody [NB100-60451] - Acetone-fixed asynchronous HeLa cells. Antibody used at a dilution of 1:100 (2ug/ml).



## Publications

Dejaeger M, Bohm AM, Dirckx N et al. Integrin-Linked Kinase Regulates Bone Formation by Controlling Cytoskeletal Organization and Modulating BMP and Wnt Signaling in Osteoprogenitors. *J. Bone Miner. Res.* 2017-06-02 [PMID: 28574598] (Mouse)

### Details:

This ILK antibody was used in a study looking at the effect of ILK knockout on trabecular bone mass.



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### **Products Related to NB100-60451**

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NBL1-11974	ILK Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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