

# Product Datasheet

## ITK Antibody NB100-807

Unit Size: 0.1 mg

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

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### Publications: 3

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**NB100-807**

## ITK Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

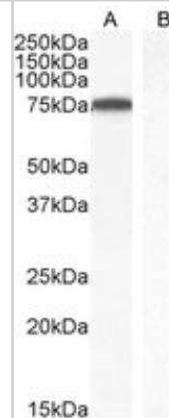
Product Description	
Description	Novus Biologicals Goat ITK Antibody (NB100-807) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-ITK Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	3702
Gene Symbol	ITK
Species	Human
Immunogen	Peptide with sequence C-RLLRQLAEIAESGL corresponding to C-Terminus according to NP_005537.3.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 75 kDa band bands observed in Jurkat Lysates.

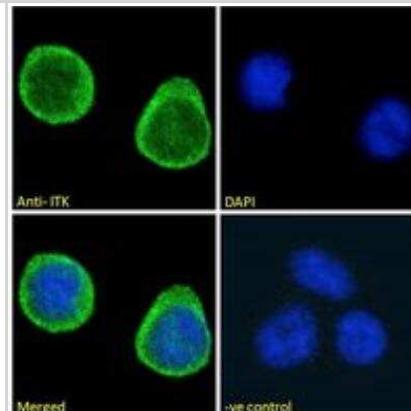


## Images

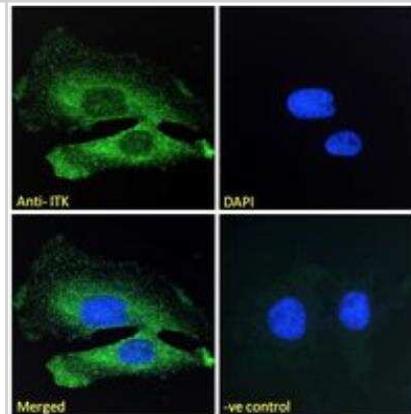
Western Blot: ITK Antibody [NB100-807] - Staining of Jurkat nuclear cell lysate with antibody at 1 ug/mL (A) and negative control Human parathyroid gland (B) (35 ug protein in RIPA buffer). Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: ITK Antibody [NB100-807] - Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing strong cytoplasmic and weak nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunocytochemistry/Immunofluorescence: ITK Antibody [NB100-807] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



## Publications

Willrich AH, Jung JE, Percicote AP et al. Adult rhabdomyoma at submandibular gland. Brazilian journal of otorhinolaryngology 2013-05-09 [PMID: 23108836]

Sarkar R, Mondal PK, Datta M, Chatterjee BK. Note: A new optical method for the detection of bubble nucleation in superheated droplet detector. The Review of scientific instruments 2018-02-05 [PMID: 28667990]

Tanaka N, Asao H, Ohtani K et al. A novel human tyrosine kinase gene inducible in T cells by interleukin 2. FEBS Lett 1993-06-07 [PMID: 8504851]



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### **Products Related to NB100-807**

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NB800-PC2	Jurkat Whole Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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