

# Product Datasheet

## TCF-3/E2A Antibody

**NB100-57092**

Unit Size: 0.1 mg

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

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### Publications: 2

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**NB100-57092**

TCF-3/E2A Antibody

**Product Information**

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

**Product Description**

<b>Description</b>	Novus Biologicals Goat TCF-3/E2A Antibody (NB100-57092) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-TCF-3/E2A Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	6929
<b>Gene Symbol</b>	TCF3
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Use in Mouse reported in scientific literature (PMID:28402854).
<b>Immunogen</b>	Peptide with sequence C-KAPRARTSPDEDED corresponding to internal region according to NP_003191.1.

**Product Application Details**

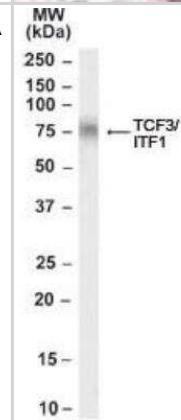
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.01 - 0.03 ug/ml, Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:128000
<b>Application Notes</b>	WB: Approx. 75 kDa band observed in Daudi lysates (calculated MW of 67.6 kDa band according to NP_003191.1). IHC-P: Human kidney shows strong nuclear staining in DCT cells.

## Images

Immunohistochemistry-Paraffin: TCF-3/E2A Antibody [NB100-57092] - TCF3 / E2A Antibody (3.8ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



SDS-Page: TCF-3/E2A Antibody [NB100-57092] - Analysis of TCF3/E2A in Daudi cell lysate (35ug protein in RIPA buffer) using this antibody at 0.01ug/ml.



## Publications

Walters B J, Coak E et al. In Vivo Interplay between p27Kip1, GATA3, ATOH1, and POU4F3 Converts Non-sensory Cells to Hair Cells in Adult Mice. *Cell Rep* 2017-11-04 [PMID: 28402854] (IF/IHC, Mouse)

Greenbaum S, Lazorchak AS, Zhuang Y. Differential functions for the transcription factor E2A in positive and negative gene regulation in pre-B lymphocytes. *J Biol Chem* 2004-10-22 [PMID: 15310760]



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### Products Related to NB100-57092

NBL1-16774	TCF-3/E2A Overexpression 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

### 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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