

# Product Datasheet

## Ezrin Antibody (CL2375) - Azide and BSA Free NBP3-44474

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-44474**

Ezrin Antibody (CL2375) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL2375
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

**Product Description**

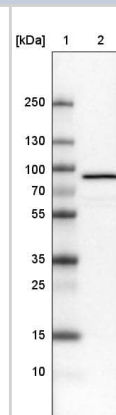
<b>Host</b>	Mouse
<b>Gene ID</b>	7430
<b>Gene Symbol</b>	EZR
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was generated using a recombinant protein sequence of P15311, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

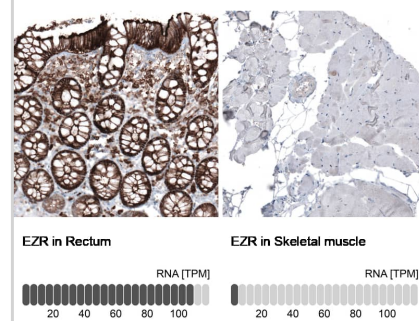
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

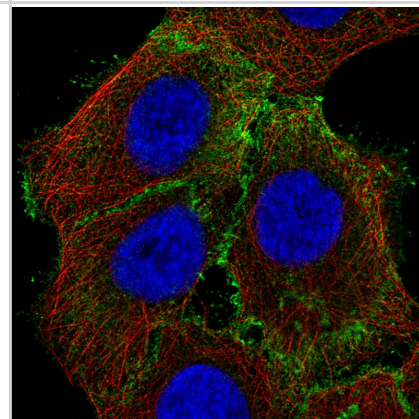
Lane 1: Marker [kDa]  
Lane 2: Human cell line U-251 MG



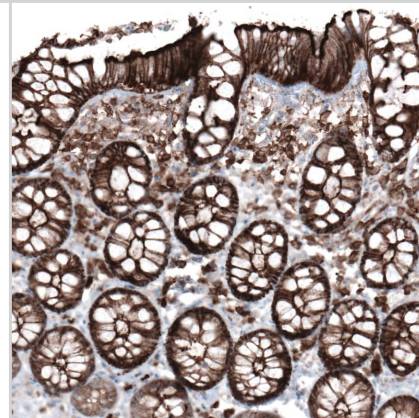
Analysis in human rectum and skeletal muscle tissues using NBP3-44474 antibody. Corresponding Ezrin RNA-seq data are presented for the same tissues.



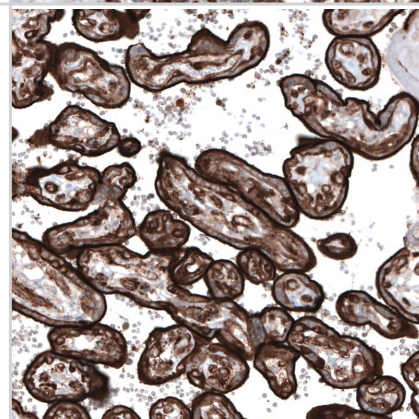
Staining of A-431 cells using the Anti-Ezrin monoclonal antibody) .



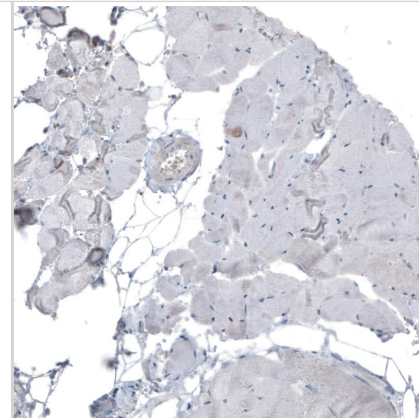
Staining of human rectum shows strong membranous positivity in glandular cells.



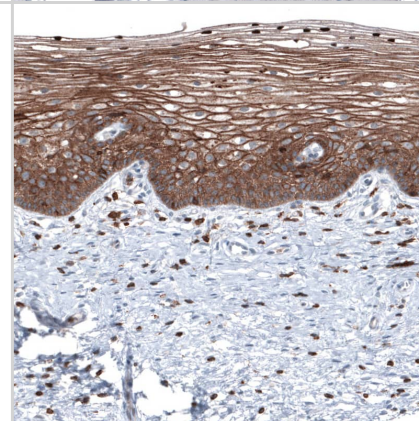
Staining of human placenta shows strong membranous positivity in trophoblastic cells.



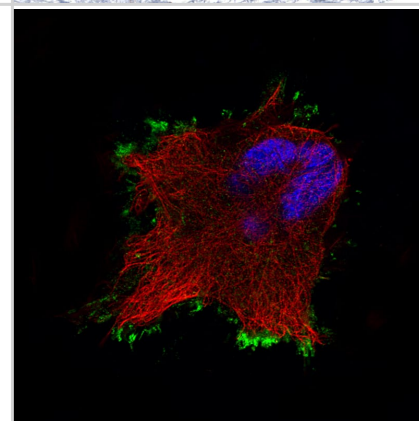
Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human uterine cervix shows strong membranous positivity in squamous epithelial cells.



Staining of U-251 cells using the Anti-Ezrin monoclonal antibody) .





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### **Products Related to NBP3-44474**

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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)
H00007430-P01-10ug	Recombinant Human Ezrin GST (N-Term) Protein

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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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