

# Product Datasheet

## ZEB2 Antibody (CL13467) - Azide and BSA Free NBP3-43869

Unit Size: 100 ug

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

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**NBP3-43869**

ZEB2 Antibody (CL13467) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13467
Preservative	No Preservative
Reconstitution Instructions	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.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

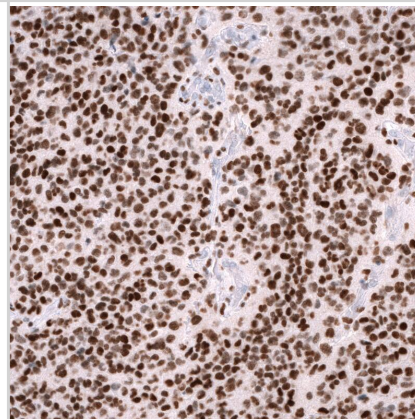
Product Description	
Description	Novus Biologicals Mouse ZEB2 Antibody (CL13467) - Azide and BSA Free (NBP3-24559) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9839
Gene Symbol	ZEB2
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of O60315, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments, For Immunocytochemistry/ Immunofluorescence/IF, we recommend using a combination of PFA and Triton X-100. This will give you the optimal results for your experiments.

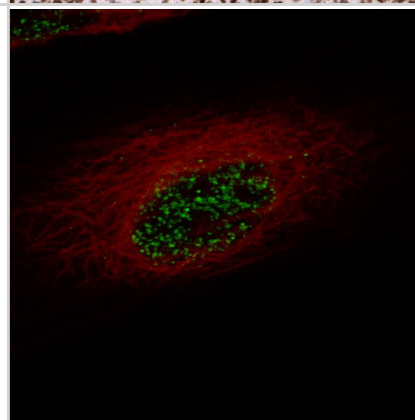


## Images

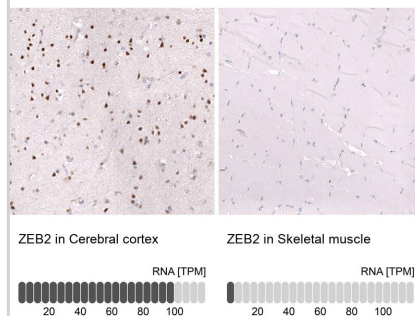
Staining of human anaplastic oligodendroglioma shows strong nuclear positivity in tumor cells.



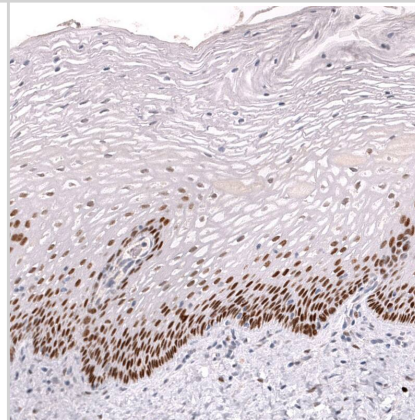
Staining in U-87 cell line with Anti-ZEB2 monoclonal antibody).



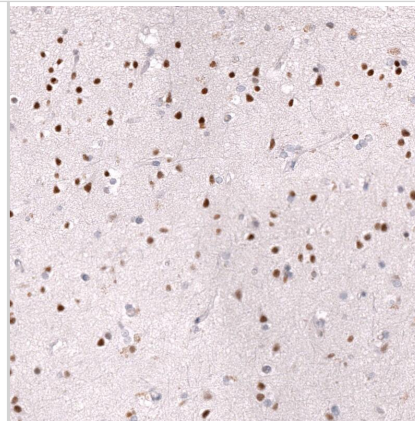
Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-43869 antibody. Corresponding ZEB2 RNA-seq data are presented for the same tissues.



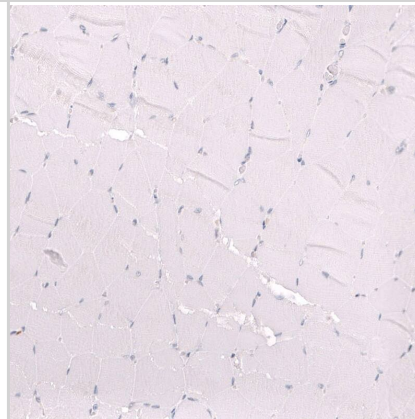
Staining of human cervix shows strong nuclear positivity in squamous epithelial cells.



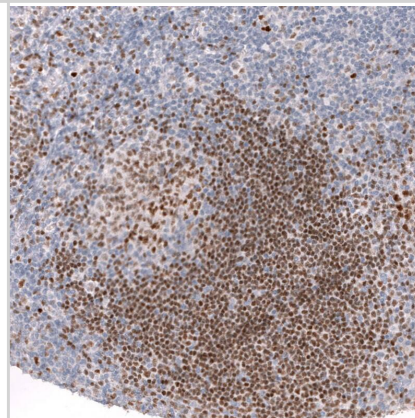
Staining of human cerebral cortex shows strong nuclear positivity in neurons.



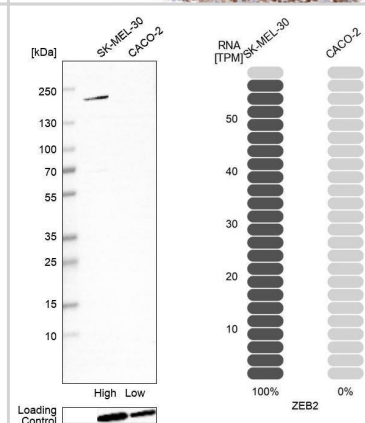
Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human tonsil shows strong nuclear positivity in germinal center cells.



Analysis in human cell lines SK-MEL-30 and Caco-2 using Anti-ZEB2 antibody. Corresponding ZEB2 RNA-seq data are presented for the same cell lines. Loading control: Anti-HDAC1.





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### **Products Related to NBP3-43869**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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