

Product Datasheet

5-Lipoxygenase Antibody (5C5Z2) NBP3-16150-100ul

Unit Size: 100 ul

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

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Updated 10/23/2025 v.20.1

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NBP3-16150-100ul**5-Lipoxygenase Antibody (5C5Z2)**

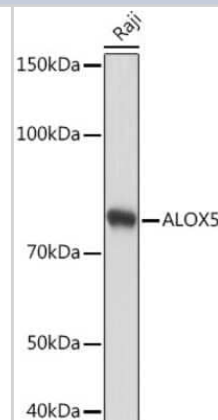
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5C5Z2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	78 kDa

Product Description	
Description	Novus Biologicals Rabbit 5-Lipoxygenase Antibody (5C5Z2) (NBP3-16150) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	240
Gene Symbol	ALOX5
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human 5-Lipoxygenase (P09917). CYRWITGDVEVVLRDGRAKLARDDQIHILKQHRRKELETRQKQYRWMEWNP GPLSIDAKCHKDLPRDIQFDSEKGVDFVLNYSKAMENLFINRFMHMFQS

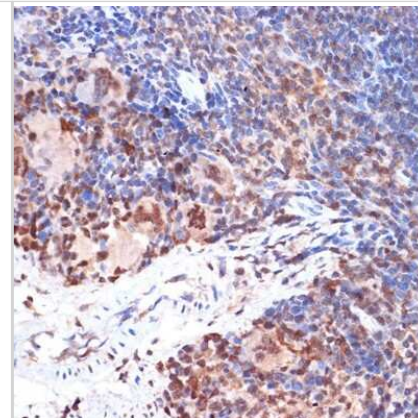
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:4000, ELISA Recommended starting concentration is 1 µg/mL, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/Immunofluorescence 1:100 - 1:400, Immunohistochemistry-Paraffin 1:100 - 1:1000

Images

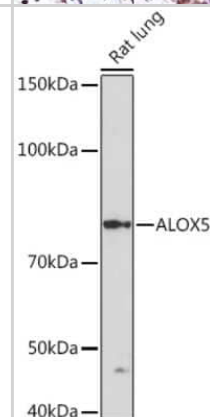
Western Blot: 5-Lipoxygenase Antibody (5C5Z2) [NBP3-16150] - Western blot analysis of extracts of Raji cells, using 5-Lipoxygenase Rabbit mAb (NBP3-16150) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



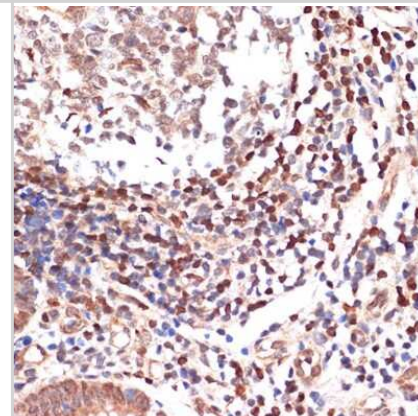
Immunohistochemistry-Paraffin: 5-Lipoxygenase Antibody (5C5Z2) [NBP3-16150] - Immunohistochemistry of paraffin-embedded mouse spleen using 5-Lipoxygenase Rabbit mAb (NBP3-16150) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



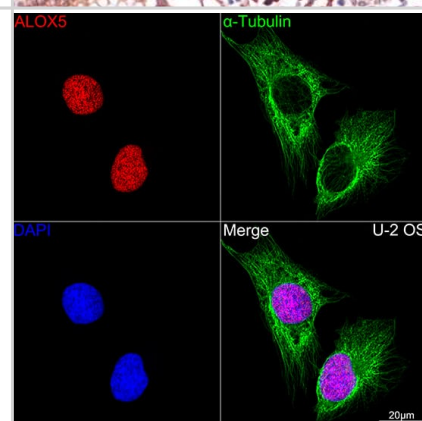
Western Blot: 5-Lipoxygenase Antibody (5C5Z2) [NBP3-16150] - Western blot analysis of extracts of Rat lung, using 5-Lipoxygenase Rabbit mAb (NBP3-16150) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Immunohistochemistry-Paraffin: 5-Lipoxygenase Antibody (5C5Z2) [NBP3-16150] - Immunohistochemistry of paraffin-embedded human appendix using 5-Lipoxygenase Rabbit mAb (NBP3-16150) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence: 5-Lipoxygenase Antibody (5C5Z2) [NBP3-16150] - Confocal imaging of U-2 OS cells using 5-Lipoxygenase Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.





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Products Related to NBP3-16150-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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