

Product Datasheet

MIST1 Antibody (6E8/A12/C11P1) NBP2-22478

Unit Size: 100 ug

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

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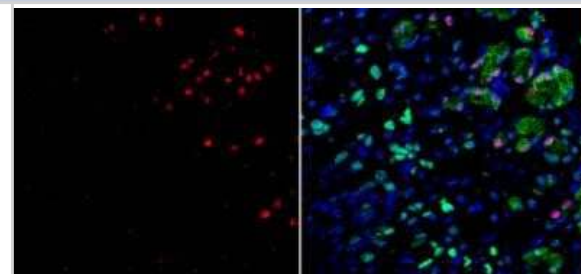
NBP2-22478**MIST1 Antibody (6E8/A12/C11P1)**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6E8/A12/C11P1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS with 1 mg/ml BSA
Product Description	
Description	Novus Biologicals Mouse MIST1 Antibody (6E8/A12/C11P1) (NBP2-22478) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MIST1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	168620
Gene Symbol	BHLHA15
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Mouse Mist1, C-terminus residues 175-197.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100 - 1:500, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500
Application Notes	The antibody gives nuclear staining in acinar cells but not in duct or islet cells. IHC reported in a verified customer review.



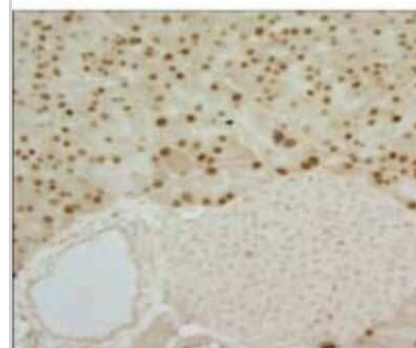
Images

Immunohistochemistry: MIST1 Antibody (6E8/A12/C11P1) [NBP2-22478] - Mist1 expression can be observed in mouse gastric chief cells (red). image is courtesy of customer review.



Immunohistochemistry-Paraffin: MIST1 Antibody (6E8/A12/C11P1) [NBP2-22478] - Staining of mouse pancreas tissues. The antibody gives nuclear staining in acinar cells but not in duct or islet cells.

Fig. 1



Publications

Sayols S, Klassek J, Werner C et al. Signalling codes for the maintenance and lineage commitment of embryonic gastric epithelial progenitors Development 2020-01-28 [PMID: 32878924] (Immunohistochemistry, Immunohistochemistry-Frozen)

Zhou H, Du Y, Wei X et al. DDX56 transcriptionally activates MIST1 to facilitate tumorigenesis of HCC through PTEN-AKT signaling Theranostics 2022-08-15 [PMID: 36168636] (Immunohistochemistry, Immunohistochemistry-Frozen)

Guan L, Viswanathan V, Jiang Y et al. Tert-expressing cells contribute to salivary gland homeostasis and tissue regeneration after radiation therapy Genes Dev 2024-07-12 [PMID: 38997156]

He J, Nascakova Z, Leary P et al. Inactivation of the tumor suppressor gene Apc synergizes with H. pylori to induce DNA damage in murine gastric stem and progenitor cells Science advances 2023-11-17 [PMID: 37967175] (ICC/IF, Mouse)

Details:
1:100 dilution



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Products Related to NBP2-22478

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)
H00168620-Q01-10ug	Recombinant Human MIST1 GST (N-Term) Protein

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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