

Product Datasheet

SSEA-1 Antibody (4E10)

NBP2-22179

Unit Size: 0.1 ml

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

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Publications: 3

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NBP2-22179**SSEA-1 Antibody (4E10)**

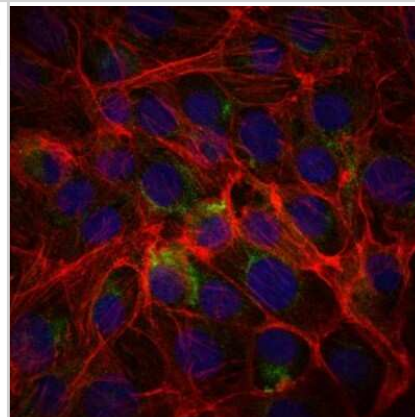
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E10
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ascites
Buffer	Ascites
Target Molecular Weight	59 kDa

Product Description	
Description	Novus Biologicals Mouse SSEA-1 Antibody (4E10) (NBP2-22179) is a monoclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-SSEA-1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2526
Gene Symbol	FUT4
Species	Human
Immunogen	Synthesized peptide of human SSEA-1.

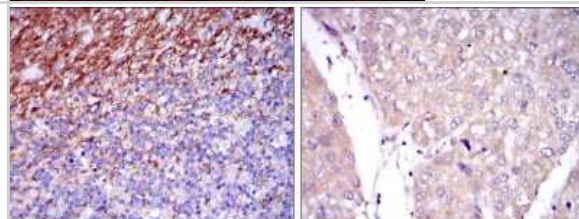
Product Application Details	
Applications	Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, Immunohistochemistry-Frozen
Application Notes	Use in FLOW reported in scientific literature (PMID: 30344930). Use in IHC-Fr reported in scientific publication PMID: 32646856

Images

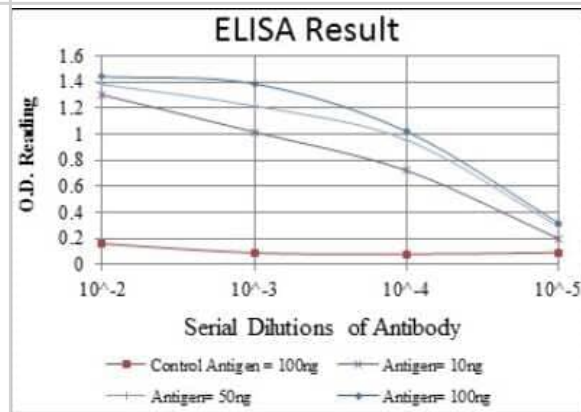
Immunocytochemistry/Immunofluorescence: CD15/Lewis X Antibody (4E10) [NBP2-22179] - Immunofluorescence analysis of PC-2 cells using CD15 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry-Paraffin: CD15/Lewis X Antibody (4E10) [NBP2-22179] - Immunohistochemical analysis of paraffin-embedded human cerebellum tissues (left) and human liver cancer tissues (right) using CD15 mouse mAb with DAB staining.



ELISA: CD15/Lewis X Antibody (4E10) [NBP2-22179] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng)



Publications

Chen W, Li W, Zhang Z et al. Lipocalin-2 Exacerbates Lupus Nephritis by Promoting Th1 Cell Differentiation J. Am. Soc. Nephrol. 2020-07-09 [PMID: 32646856] (IHC-Fr)

Cuello HA, Segatori VI, Alberto M et al. Aberrant O-glycosylation modulates aggressiveness in neuroblastoma. Oncotarget. 2018-09-25 [PMID: 30344930] (FLOW, Human)

Ellis CN, LaRocque RC, Uddin T et al. Comparative Proteomic Analysis Reveals Activation of Mucosal Innate Immune Signaling Pathways during Cholera. Infect Immun 2015-03-01 [PMID: 25561705] (IHC-P, Human)



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Products Related to NBP2-22179

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)
H00002526-Q01-10ug	Recombinant Human SSEA-1 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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