Product Datasheet

EVI-1 Antibody - BSA Free
NBP2-48848

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: 2

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Updated 2/24/2026 v.20.1

NBP2-48848

EVI-1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

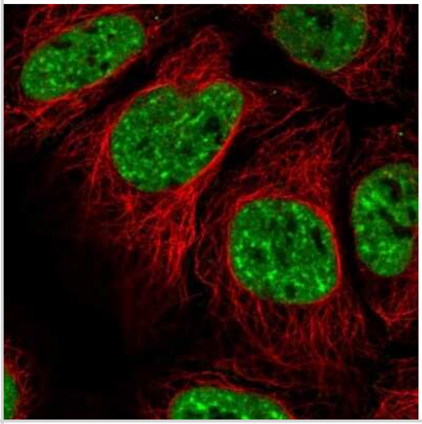
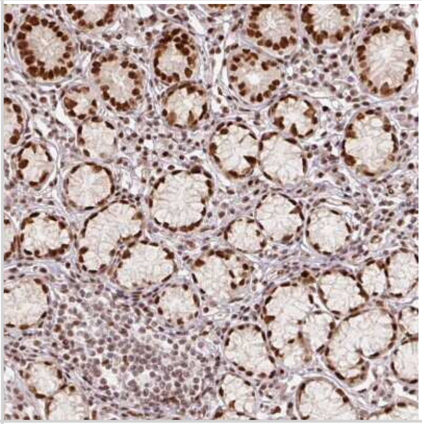
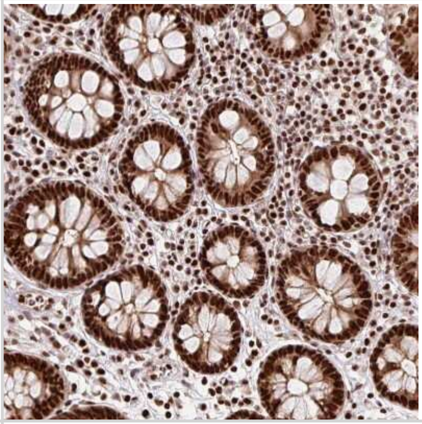
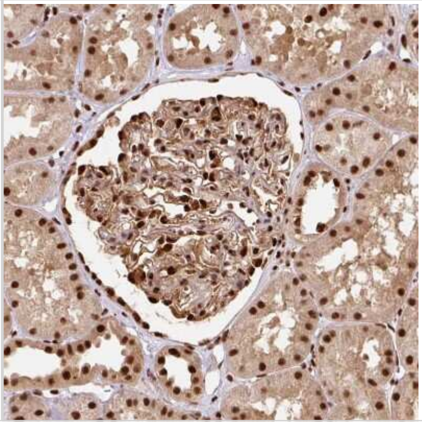
Product Description

Description	Novus Biologicals Rabbit EVI-1 Antibody - BSA Free (NBP2-48848) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EVI-1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2122
Gene Symbol	MECOM
Species	Human
Reactivity Notes	Mouse (86%), Rat (87%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ATSSPHSELESTGAILDDKEDAYFTEIRNFIGNSNHGSQSPRNVEERMNGSHFKDEKALVTSQNSDLLDDEEVEDEVLLDEEDEDNDITGKTGKEPVTSNLHEGNPEDDYEETSALEMSCKTSPVRYKEEEY

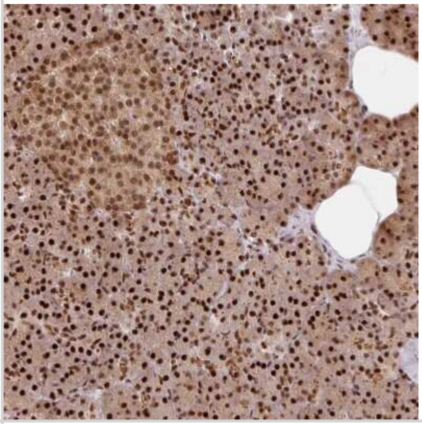
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

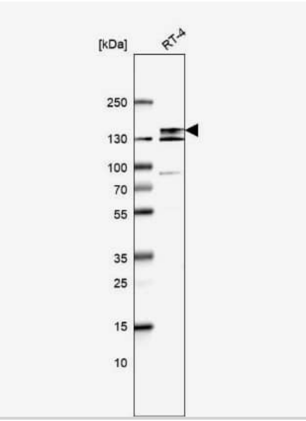
Images

Immunocytochemistry/Immunofluorescence: EVI-1 Antibody [NBP2-48848] - Staining of human cell line HEK 293 shows localization to nuclear speckles. Antibody staining is shown in green.	
Immunohistochemistry-Paraffin: EVI-1 Antibody [NBP2-48848] - Staining of human stomach shows strong nuclear positivity in glandular cells.	
Immunohistochemistry-Paraffin: EVI-1 Antibody [NBP2-48848] - Staining of human colon shows strong nuclear positivity in glandular cells.	
Immunohistochemistry-Paraffin: EVI-1 Antibody [NBP2-48848] - Staining of human kidney shows strong nuclear positivity in cells in glomeruli.	

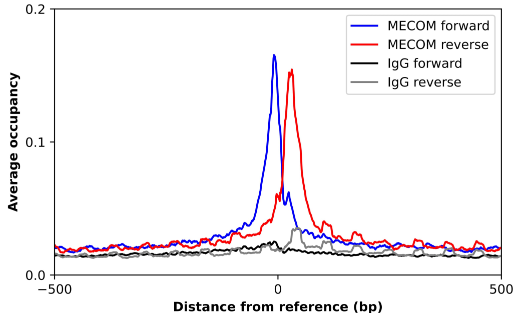
Immunohistochemistry-Paraffin: EVI-1 Antibody [NBP2-48848] - Staining of human pancreas shows strong nuclear positivity in exocrine glandular cells.



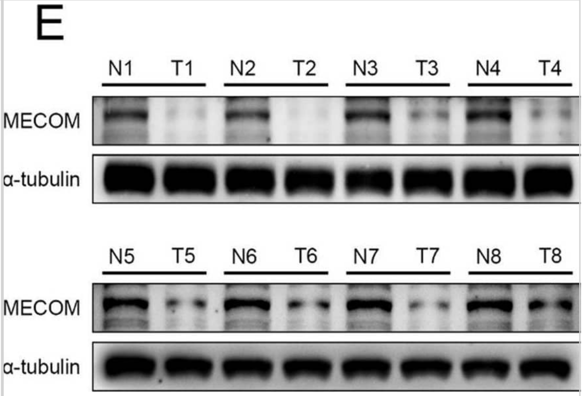
Western Blot: EVI-1 Antibody [NBP2-48848] -Analysis in human cell line RT-4.



ChIP-Exo-Seq composite graph for Anti-MECOM (NBP2-48848) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh´s Lab at Cornell University.



Validation of MECOM expression levels in clinical KIRC samples. A Relative MECOM mRNA levels in tumor and adjacent normal tissues of 24 patients with KIRC. B MECOM mRNA differential expression in 24 patients with KIRC between tumor and adjacent normal tissues. C Representative images of MECOM IHC staining in tumor and adjacent normal tissues in patients with various T stages (n = 147). D IHC scores of MECOM expression in tumor tissues of patients with KIRC at various clinical stages. E MECOM protein levels in tumor and adjacent normal tissues of eight patients of KIRC Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/39576394), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Lu Y, Quan J, Liu F et Al. Systematic pan-cancer analysis of the prognostic value of MECOM in human cancer Discov Oncol 2024-11-22 [PMID: 39576394]

Pradeepa , Suresh V, Senapati S, Chakraborty S AKT inhibition sensitizes EVI1 expressing colon cancer cells to irinotecan therapy by regulating the Akt/mTOR axis Cellular oncology (Dordrecht) 2022-07-14 [PMID: 35834097]

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Products Related to NBP2-48848

NBP2-48848PEP	EVI-1 Recombinant Protein Antigen
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.

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