

# 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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**NBP2-48848**

EVI-1 Antibody - BSA Free

**Product Information**

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

**Product Description**

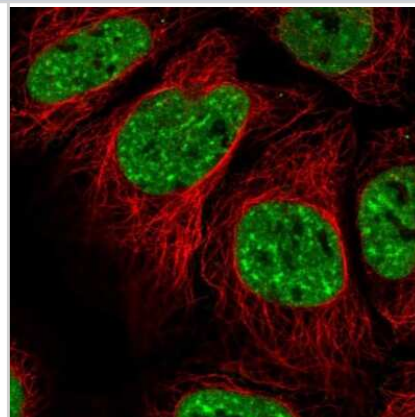
<b>Host</b>	Rabbit
<b>Gene ID</b>	2122
<b>Gene Symbol</b>	MECOM
<b>Species</b>	Human
<b>Reactivity Notes</b>	Mouse (86%), Rat (87%)
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: ATSSPHSELESTGAILDDKEDAYFTEIRNFIGNSNHGSQSPRNVEERMNGSHFK DEKALVTSQNSDLLDDEEVEDEVLLDEEDEDNDITGKTGKEPVTSNLHEGNPE DDYEETSALEMSCKTSPVRYKEEEY

**Product Application Details**

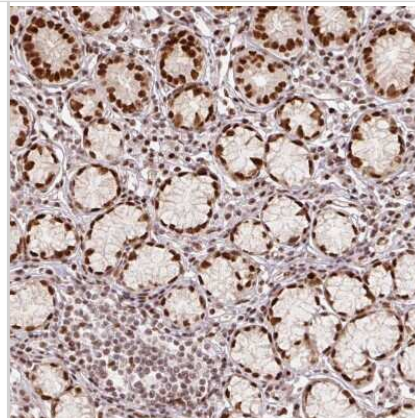
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

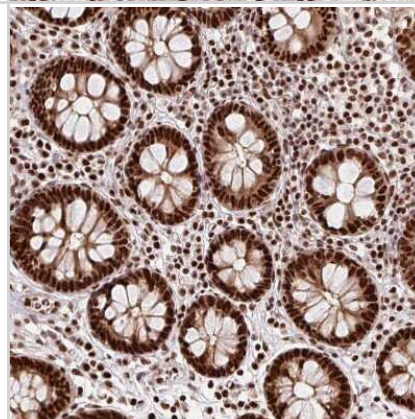
Immunocytochemistry/Immunofluorescence: EVI-1 Antibody [NBP2-48848] - Staining of human cell line HEK 293 shows localization to nuclear speckles. Antibody staining is shown in green.



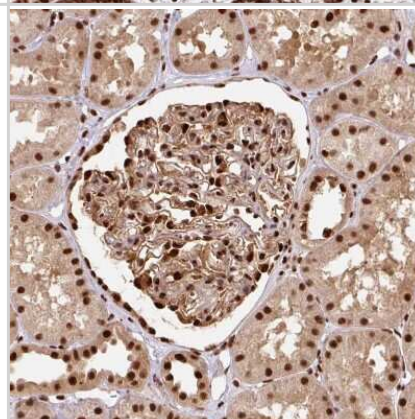
Immunohistochemistry-Paraffin: EVI-1 Antibody [NBP2-48848] - Staining of human stomach shows strong nuclear positivity in glandular cells.



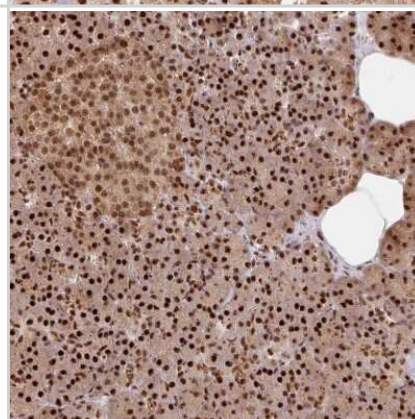
Immunohistochemistry-Paraffin: EVI-1 Antibody [NBP2-48848] - Staining of human colon shows strong nuclear positivity in glandular cells.



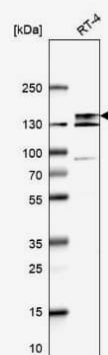
Immunohistochemistry-Paraffin: EVI-1 Antibody [NBP2-48848] - Staining of human kidney shows strong nuclear positivity in cells in glomeruli.



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.



## 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**

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NBP2-48848PEP	EVI-1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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