

VISTA Recombinant Monoclonal Antibody [BLR035F]

Rabbit Recombinant Monoclonal

Purified	Protein ID	NP_071436.1
Catalog No. A700-035	GeneID	64115
Lot No. A700-035-2		

APPLICATIONS	WB, IP, IHC, ICC, IHC-IF, F
SPECIES REACTIVITY	Human
AMOUNT	100 µl (50+ tests)
CONCENTRATION	100 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR035F
ORIGIN	USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 250 and the C-terminus (residue 311) of human V-type immunoglobulin domain-containing suppressor of T-cell activation precursor using the numbering given in entry NP_071436.1 (Gene ID 64115).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

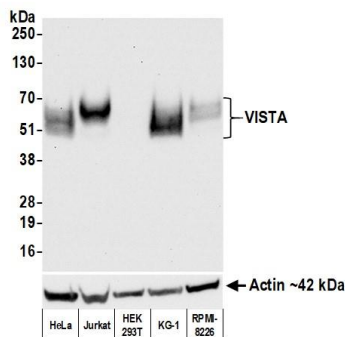
Western Blot	1:1000
Immunoprecipitation	20 ul/1mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Immunofluorescence (IHC)	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Flow Cytometry	Fixed and permeabilized cells were stained with 2 µl per 1 x 10 ⁶ cells.

IHC HUMAN CONTROLS Colon Carcinoma, Lung Carcinoma, Placenta, NCI-H226 Cells

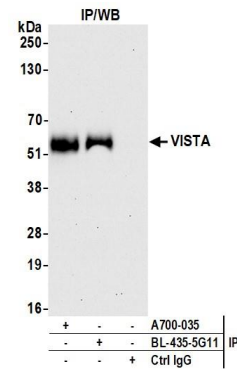
ADDITIONAL INFO <https://www.bethyl.com/product/A700-035>

Use the link above to view SDS, a current list of citations, and other product specific information.

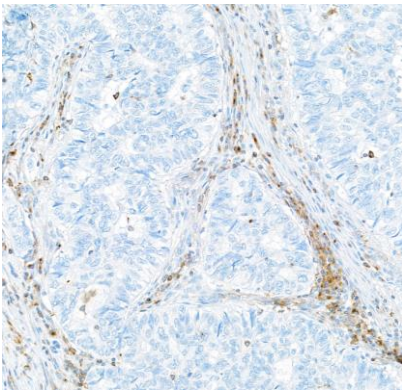
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: September 21, 2021



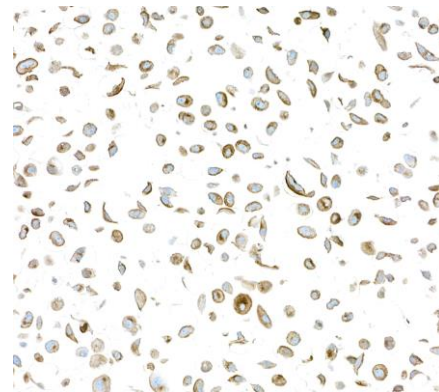
Detection of human VISTA by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, Jurkat, HEK293T, KG-1, and RPMI-8226 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-VISTA recombinant monoclonal antibody [BLR035F] (A700-035 lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



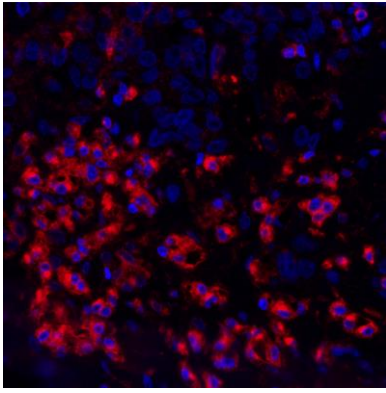
Detection of human VISTA by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-VISTA recombinant monoclonal antibody [BLR035F] (A700-035 lot 2) used for IP at 10 μ l/mg lysate. VISTA was also immunoprecipitated by a second antibody against a different epitope of VISTA (BL-435-5G11). For blotting immunoprecipitated VISTA, A700-035 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



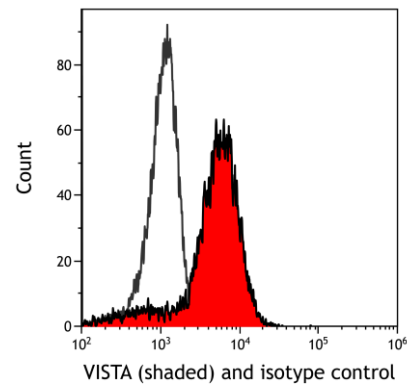
Detection of human VISTA by immunohistochemistry. *Sample:* FFPE section of lung carcinoma. *Antibody:* Rabbit anti-VISTA recombinant monoclonal antibody [BLR035F] (A700-035 lot 2) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human VISTA by immunocytochemistry. *Sample:* FFPE section of NCI-H226 cells. *Antibody:* Rabbit anti-VISTA recombinant monoclonal antibody [BLR035F] (A700-035 lot 2) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human VISTA (red) by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Rabbit anti-VISTA recombinant monoclonal antibody [BLR035F] (A700-035 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* Opal™. *Counterstain:* DAPI (blue).



Detection of human VISTA in human peripheral blood mononuclear cells by flow cytometry. *Antibody:* Rabbit anti-VISTA recombinant monoclonal [BLR035F] (A700-035 lot 1) (right) or isotype control (left). *Secondary:* DyLight® 488-conjugated goat anti-rabbit IgG (A120-101D2).