

## Product datasheet

### Anti-VISTA antibody [BLR035F] - BSA free ab272080

Recombinant

7 Images

#### Overview

<b>Product name</b>	Anti-VISTA antibody [BLR035F] - BSA free
<b>Description</b>	Rabbit monoclonal [BLR035F] to VISTA - BSA free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC, IHC-P, IP, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human VISTA aa 250-311 (C terminal). The exact sequence is proprietary. NP_071436.1 and Gene ID 64115. Database link: <a href="#">Q9H7M9</a>
<b>Positive control</b>	IP: Jurkat WB: Jurkat, MOLT-4, MJ, RPMI 8226, HeLa, KG-1 IHC-P: Human lung carcinoma, ICC: NCI H226 Flow Cyt: human peripheral blood mononuclear cells
<b>General notes</b>	ab272080 is the BSA-free version of <a href="#">ab243891</a> .  This product is sold under License from Bethyl Laboratories, Inc.

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 8.20 Preservative: 0.09% Sodium azide Constituent: 98% Borate buffered saline
<b>Purification notes</b>	Recombinant antibody was purified from cell culture supernatant.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	BLR035F
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab272080 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.

## Target

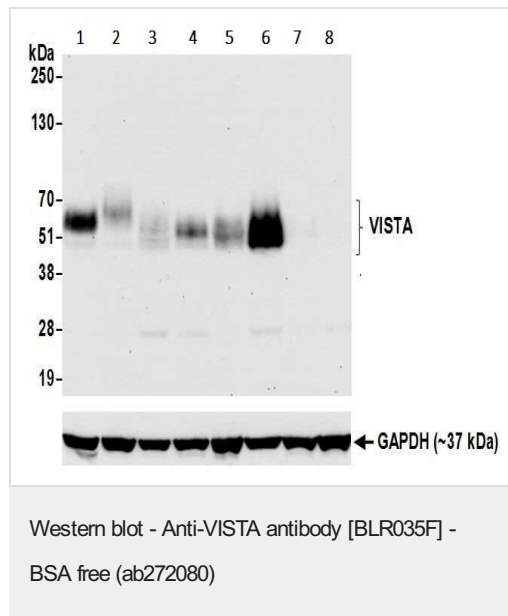
### Sequence similarities

Contains 1 Ig-like (immunoglobulin-like) domain.

### Cellular localization

Membrane.

## Images



**All lanes :** Anti-VISTA antibody [BLR035F] ([ab243891](#)) at 1/1000 dilution

**Lane 1 :** Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

**Lane 2 :** MOLT-4 (Human lymphoblastic leukemia cell line) whole cell lysate

**Lane 3 :** MJ whole cell lysate

**Lane 4 :** RPMI 8226 whole cell lysate

**Lane 5 :** HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

**Lane 6 :** KG-1 whole cell lysate

**Lane 7 :** HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

**Lane 8 :** Sup-M2 (Human) whole cell lysate

Lysates/proteins at 50 µg per lane.

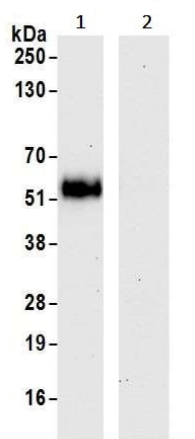
## Secondary

**All lanes :** HRP-conjugated goat anti-rabbit IgG

**Exposure time:** 30 seconds

Detection: chemiluminescence

This data was developed using the same antibody clone in a different buffer formulation containing Borate buffered saline, BSA, glycerol and sodium azide ([ab243891](#)).



Immunoprecipitation - Anti-VISTA antibody  
[BLR035F] - BSA free (ab272080)

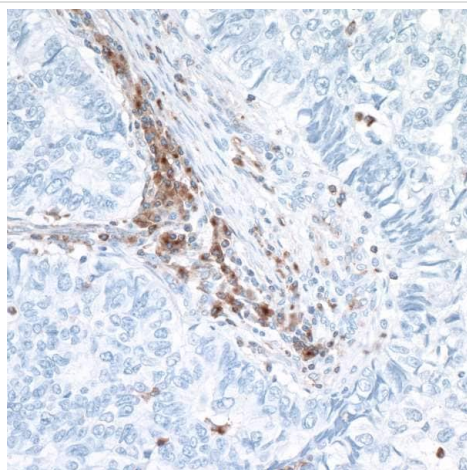
VISTA was immunoprecipitated from 1.0 mg Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate with [ab243891](#) at 20 µl per reaction. Western blot was performed on the immunoprecipitate using [ab243891](#) at 1/1000 dilution.

Lane 1: [ab243891](#) IP in Jurkat whole cell lysate.

Lane 2: Control IgG in Jurkat whole cell lysate.

Detection: Chemiluminescence with an exposure time of 30 seconds.

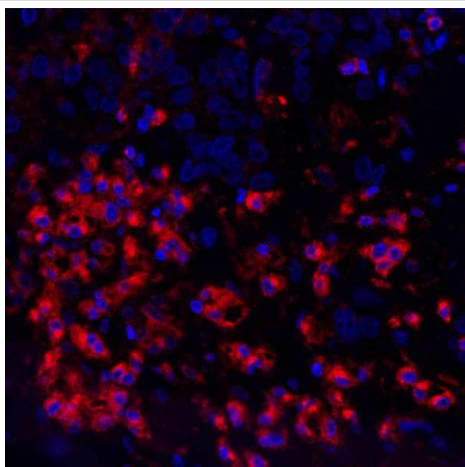
This data was developed using the same antibody clone in a different buffer formulation containing Borate buffered saline, BSA, glycerol and sodium azide ([ab243891](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VISTA antibody  
[BLR035F] - BSA free (ab272080)

Formalin-fixed, paraffin-embedded human lung carcinoma tissue stained for VISTA using [ab243891](#) at 1/250 dilution in immunohistochemical analysis. A HRP-conjugated goat anti-rabbit antibody was used as the secondary. DAB staining.

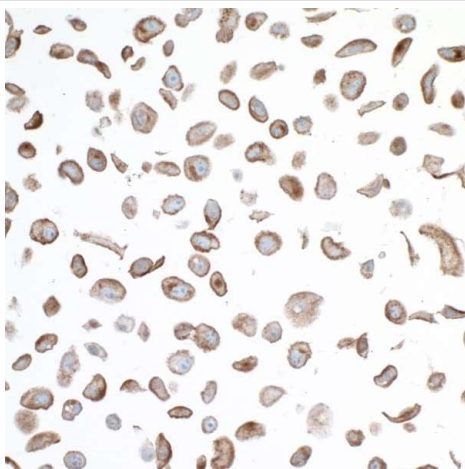
This data was developed using the same antibody clone in a different buffer formulation containing Borate buffered saline, BSA, glycerol and sodium azide ([ab243891](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VISTA antibody  
[BLR035F] - BSA free (ab272080)

Immunohistochemistry analysis of formalin-fixed, paraffin-embedded human ovarian carcinoma tissue labeling VISTA with **ab243891** at a 1/250 dilution, followed by HRP-conjugated Goat Anti-Rabbit IgG secondary antibody. Substrate: Opal. Counterstain: DAPI (blue).

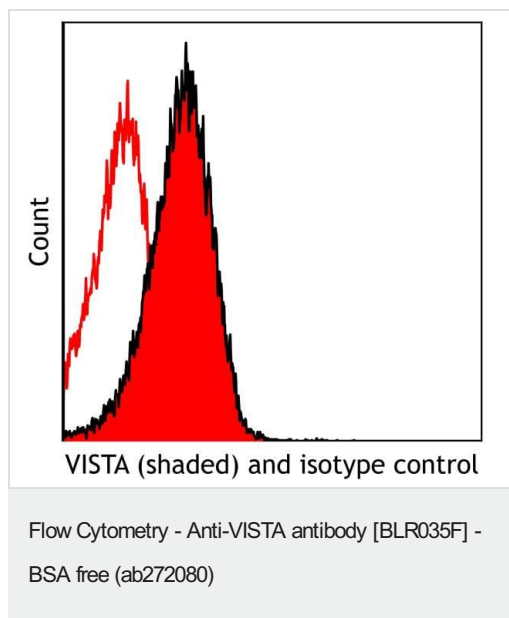
This data was developed using the same antibody clone in a different buffer formulation containing Borate buffered saline, BSA, glycerol and sodium azide (**ab243891**).



Immunocytochemistry - Anti-VISTA antibody  
[BLR035F] - BSA free (ab272080)

Formalin-fixed, paraffin-embedded NCI H226 cells labeling VISTA using **ab243891** at 1/250 dilution in ICC analysis. A HRP-conjugated goat-anti rabbit IgG was used as the secondary. DAB staining.

This data was developed using the same antibody clone in a different buffer formulation containing Borate buffered saline, BSA, glycerol and sodium azide (**ab243891**).



Flow cytometric analysis of human peripheral blood mononuclear cells labelling VISTA with **ab243891** (shaded) compared with isotype control (un-shaded). DyLight® 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

This data was developed using the same antibody clone in a different buffer formulation containing Borate buffered saline, BSA, glycerol and sodium azide (**ab243891**).

Why choose a recombinant antibody?

<p><b>Research with confidence</b> Consistent and reproducible results</p>	<p><b>Long-term and scalable supply</b> Recombinant technology</p>
<p><b>Success from the first experiment</b> Confirmed specificity</p>	<p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-VISTA antibody [BLR035F] - BSA free (ab272080)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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