

Product datasheet

Anti-VISTA antibody [EPR21050] - BSA and Azide free
ab238886

Recombinant RabMAb

3 Images

Overview

Product name	Anti-VISTA antibody [EPR21050] - BSA and Azide free
Description	Rabbit monoclonal [EPR21050] to VISTA - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, IP
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment within Human VISTA aa 1-350. The exact sequence is proprietary. Database link: Q9H7M9
Positive control	IHC-P: Human spleen tissue.
General notes	Ab238886 is the carrier-free version of ab230950 . This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.

Our [carrier-free formats](#) are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.

Use our [conjugation kits](#) for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

ab238886 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.

Maxpar® is a trademark of Fluidigm Canada Inc.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab® patents](#).

This product is a [recombinant rabbit monoclonal antibody](#).

Properties

Form	Liquid
Storage instructions	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.

Storage buffer	Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR21050
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab238886** in the following tested applications.

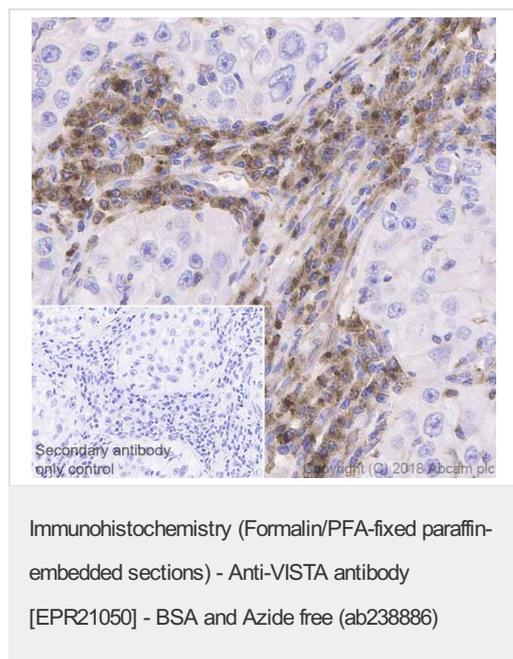
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 34 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		Use at an assay dependent concentration.

Target

Sequence similarities	Contains 1 Ig-like (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images



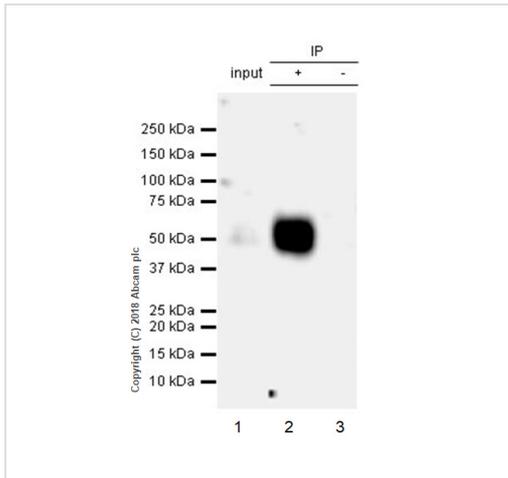
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue labeling VISTA with [ab230950](#) at 1/1000 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP) secondary antibody. Membranous and cytoplasmic staining in tumor-infiltrating leukocytes of human lung cancer (PMID: 28236118, PMID: 28507801) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and

sodium azide ([ab230950](#)).



Immunoprecipitation - Anti-VISTA antibody
[EPR21050] - BSA and Azide free ([ab238886](#))

VISTA was immunoprecipitated from 0.35 mg DU145 (Human prostate carcinoma epithelial cell) whole cell lysate with [ab230950](#) at 1/30 dilution. Western blot was performed from the immunoprecipitate using [ab230950](#) at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/5000 dilution.

Lane 1: DU154 whole cell lysate 10 µg (Input).

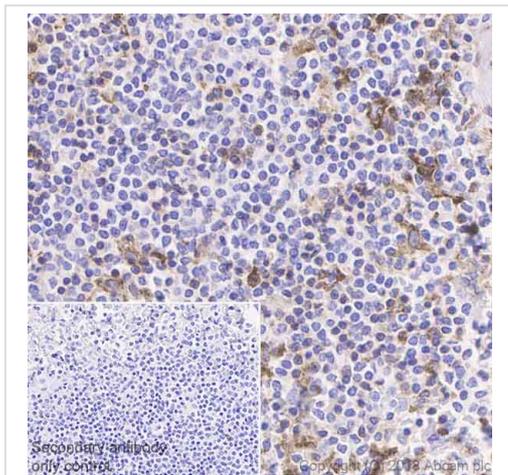
Lane 2: [ab230950](#) IP in DU154 whole cell lysate.

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of [ab230950](#) in DU154 whole cell lysate.

Blocking/Dilution buffer: 5% NFDm/TBST.

Exposure time: 3 minutes.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab230950](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VISTA antibody
[EPR21050] - BSA and Azide free ([ab238886](#))

Immunohistochemical analysis of paraffin-embedded human spleen tissue labeling VISTA with [ab230950](#) at 1/1000 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP) secondary antibody. Membranous and cytoplasmic staining in leukocytes of human spleen (PMID: 21383057, PMID: 24691993) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol and sodium azide ([ab230950](#)).

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