



Anti-VSV-G EPI TOPE TAG (RABBIT) Antibody - 600-401-386

Code: 600-401-386

Size: 100 µg

Product Description: Anti-VSV-G EPI TOPE TAG (RABBIT) Antibody - 600-401-386

Concentration: 1.0mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

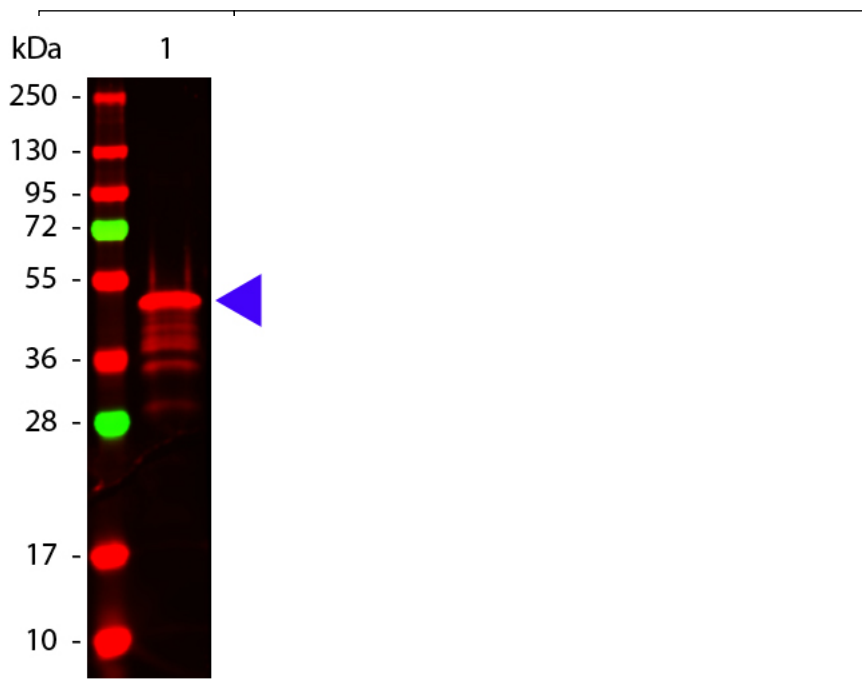
Label	Unconjugated
Host	Rabbit
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Application Note	This affinity purified antibody has been tested for use in ELISA and by immunofluorescence microscopy. Specific conditions for reactivity should be optimized by the end user. For standard indirect immunofluorescence assay we recommend paraformaldehyde fixation with detergent permeabilization of cells infected with VSV or transfected with the wild-type VSV-G protein. Staining is quite clean and specific for both sources of the G protein when diluted at least 1/200. At higher concentrations, a filamentous background staining may be present.
Background	Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells. Rockland Immunochemicals produces anti-epitope tag antibodies against many common epitope tags including Myc, GST, GFP, 6X His, MBP, FLAG and HA. VSV-G or vesicular stomatitis virus glycoprotein is found within the pseudo lentiviral cloning vector pHCMV-VSV-G.
Purity And Specificity	This affinity purified antibody is directed against VSV-G protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification.
Assay Dilutions	User Optimized
ELISA	1:50,000 - 1:100,000
Immunohistochemistry	1:200 - 1:500
WESTERN BLOT	1:1,000 - 1:5,000
IHC	1:200 - 1:500
IFMICROSCOPY	1:200 - 1:500
OTHER ASSAYS	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding aa 501-511 of vesicular stomatitis virus glycoprotein (VSV-G).
General Reference	Beyer, W.R., Westphal, M., Ostertag, W. and von Laer, D. (2002) Oncoretrovirus and lentivirus vectors pseudotyped with lymphocytic choriomeningitis virus glycoprotein: generation, concentration, and broad host range. J. Virol. 76 (3), 1488-1495.
Related Products	200-301-268 Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304

Related Links

Images

1 Western Blot of Rabbit anti-VSV-G antibody. Lane 1: 12 Epitope Tag Protein Marker Lysate - MB-301-0100. Lane 2: none. Load: ~10 µg per lane. Primary antibody: VSV-G antibody at 1:1,000 for overnight at 4°C. Secondary antibody: DyLight™ 649 rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 3% BSA-TBS 2H at RT. Predicted/Observed size: ~50 kDa for VSV-G. Other band(s): VSV-G splice variants and isoforms.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.