

HA (Hemagglutinin) Ab-1

Rabbit Polyclonal Antibody

Cat. #RB-1438-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 1.0mg/ml) (Purified Ab with BSA and Azide)**Cat. #RB-1438-P1ABX or -PABX (0.5ml or 1.0ml at 1.0mg/ml)** (Purified Ab without BSA and Azide)

Please note this data sheet has been changed effective December 12, 2011

Description: A small segment of the viral hemagglutinin coat protein is widely used as an epitope tag to facilitate purification and functional analysis of proteins of interest. Epitope tags are short peptide sequences that are easily recognized by readily available tag-specific antibodies. Ligation of epitope-tag encoding DNA to cloned DNAs of interest produces epitope tagged fusion proteins that can then be subjected to antibody-dependent experimental procedures. Epitope tagging techniques are widely used in the purification, identification, and functional analysis of proteins. Expression vectors for producing tag fusion proteins in a variety of organisms (including bacteria, yeast, insect, and mammalian cells) are commercially available. Some of the more commonly used fusion tags include: c-myc, GFP, GST, HA, His, and MBP.

Epitope: aa YPYDVPDYA (HA-tag).

Species Reactivity: Proteins displaying the YPYDVPDYA HA-tag.

Immunogen: Synthetic peptide of sequence CYPYDVPDYASL.

Applications and Suggested Dilutions:

- Western Blotting (Ab 5-10µg/ml for 2hrs at RT)
- Immunoprecipitation
(Use Protein A) (Ab 10µg/mg protein lysate)

The optimal dilution for a specific application should be determined by the investigator.

Positive Control: Proteins displaying the YPYDVPDYA HA-tag.

Cellular Localization: Depends upon the localization of the parent protein tagged with the HA tag.

Supplied As:

Total IgG purified from rabbit anti-serum by Protein A chromatography. Prepared at 1mg/ml in 10mM PBS, pH 7.4, with 0.2% BSA & 0.09% sodium azide. Also available without BSA and azide at 1mg/ml.

Storage and Stability:

Ab with sodium azide is stable for 24 months when stored at 2-8°C. Antibody WITHOUT sodium azide is stable for 36 months when stored at below 0°C.

Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Lab Vision is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

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