Datasheet: AHP1074GA

Description:	RABBIT ANTI DYKDDDDK TAG
Specificity:	DYKDDDDK TAG
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/9000 - 1/450000
Immunoprecipitation			▪	
Western Blotting	▪			1/2000 - 1/10000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Synthetic Peptide
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to peptide DYKDDDDK were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN_3)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Keyhole limpet haemocyanin conjugated Enterokinase cleavage site peptide DYKDDDDK. Residues of cysteine and glycine were used to facilitate coupling at the C-terminal end.
RRID	AB_844605
Specificity	**Rabbit anti DYKDDDDK Tag antibody** recognizes the hydrophilic epitope tagging octapeptide

	sequence DYKDDDDK (Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys), when fused to either the amino- or carboxyl- terminus of target proteins. Rabbit anti DYKDDDDK Tag antibody has been tested against both the immunogen and recombinant proteins containing the DYKDDDDK sequence in ELISA and Western blotting and shows greater binding affinity and sensitivity to fusion proteins containing the DYKDDDDK sequence than the clones M1, M2 and M5, in the majority of assays. In Western blotting of bacterial extracts Rabbit anti DYKDDDDK Tag antibody has been shown not to cross-react with any endogenous proteins.
References	1. Keller, B. *et al.* (2016) Early onset combined immunodeficiency and autoimmunity in patients with loss-of-function mutation in LAT. J Exp Med. May 30. pii: jem.20151110. [Epub ahead of print]
Further Reading	1. Hopp, T.P. *et al.* (1988) A short polypeptide marker sequence useful for recombinant protein identification and purification. Bio/Technology 6: 1204-10.
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...)	RPE
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488, DyLight®680, DyLight®800

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