

Datasheet: 643004

Description:	DONKEY ANTI RAT IgG (H/L):Alk. Phos. (MOUSE ADSORBED)
Specificity:	IgG (H/L)
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			1/2000 - 1/4000
Western Blotting	▪			

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	Rat
Species Cross Reactivity	Does not react with:Mouse
Product Form	Purified IgG conjugated to Alkaline Phosphatase - liquid
Antiserum Preparation	Antiserum to rat IgG was raised by repeated immunisation of donkeys with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on rat IgG covalently linked to agarose.
Buffer Solution	TRIS buffered saline, 1mM MgCl ₂
Preservative	0.1% Sodium Azide (NaN ₃)
Stabilisers	50% Glycerol
Immunogen	Rat IgG.
External Database Links	UniProt: P20767 Related reagents P20760 Related reagents

[P20759](#) [Related reagents](#)
[P20761](#) [Related reagents](#)
[P20762](#) [Related reagents](#)
[P01835](#) [Related reagents](#)
[P01836](#) [Related reagents](#)
[P20766](#) [Related reagents](#)

Entrez Gene:

[679045](#) LOC679045 [Related reagents](#)
[299354](#) Ighg [Related reagents](#)
[362795](#) LOC362795 [Related reagents](#)
[500180](#) LOC500180 [Related reagents](#)
[363828](#) RGD1564318 [Related reagents](#)

Specificity **Donkey anti Rat IgG antibody** recognizes rat IgG heavy and light chains and demonstrates minimal cross reactivity with mouse serum proteins.

References

1. Bombardieri, M. *et al.* (2011) A BAFF/APRIL-dependent TLR3-stimulated pathway enhances the capacity of rheumatoid synovial fibroblasts to induce AID expression and Ig class-switching in B cells. [Ann Rheum Dis. 70 \(10\): 1857-65.](#)
2. Ivanescu, A.A. *et al.* (2015) Modifying Choroidal Neovascularization Development with a Nutritional Supplement in Mice. [Nutrients. 7 \(7\): 5423-42.](#)

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.

Shelf Life Please see label for expiry date.

Health And Safety Information Material Safety Datasheet documentation #10322 available at:
10322: <https://www.bio-rad-antibodies.com/uploads/MSDS/10322.pdf>

Regulatory For research purposes only

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