

## Datasheet: STAR108A

<b>Description:</b>	RABBIT F(ab') <sub>2</sub> ANTI MOUSE IgG:Alk. Phos.
<b>Specificity:</b>	IgG
<b>Format:</b>	Alk. Phos.
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry		▪		
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA	▪			1/1000
Immunoprecipitation			▪	
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

Mouse

### Species Cross Reactivity

Reacts with: Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

F(ab')<sub>2</sub> fragment of rabbit IgG conjugated to Alkaline Phosphatase - liquid

### Antiserum Preparation

Antisera to mouse IgG were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. F(ab')<sub>2</sub> fragments were prepared by pepsin digestion of the IgG followed by a gel filtration step to remove the remaining intact IgG or Fc fragments.

**Buffer Solution** 0.05M TRIS Chloride  
0.15M NaCl  
0.001M MgCl<sub>2</sub>  
0.0001M ZnCl<sub>2</sub>  
50% (v/v) Glycerol; pH8.0

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**Preservative** <0.1% Sodium Azide (NaN<sub>3</sub>)  
**Stabilisers** 1% Bovine Serum Albumin

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**Approx. Protein Concentrations** IgG concentration 0.5 mg/ml

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**Immunogen** Mouse IgG.

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**External Database Links**

**UniProt:**

[P01869](#) [Related reagents](#)  
[P01865](#) [Related reagents](#)  
[P03987](#) [Related reagents](#)  
[P01867](#) [Related reagents](#)  
[P01864](#) [Related reagents](#)  
[P01868](#) [Related reagents](#)  
[P01863](#) [Related reagents](#)

**Entrez Gene:**

[16017](#) Ighg1 [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[16016](#) Ighg2b [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[380795](#) AI324046 [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)

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**Synonyms** Igh-4

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**RRID** AB\_323493

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**Specificity** **Rabbit anti Mouse IgG antibody** recognises mouse IgG.

Cross reactivity is observed with rat IgG. Cross-reactivity with human IgG has been minimised by solid phase absorption.

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**Storage** Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we

recommend microcentrifugation before use.

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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10063 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR108A">https://www.bio-rad-antibodies.com/SDS/STAR108A</a> 10063
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<b>Regulatory</b>	For research purposes only
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
'M415436:221222'

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