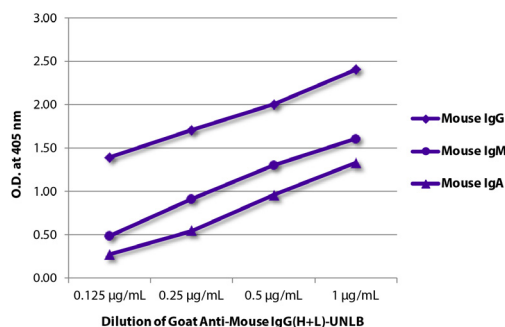




## Goat Anti-Mouse IgG(H+L)

Cat. No.	Format	Size
1036-01	Purified (UNLB)	1.0 mg
1036-02	Fluorescein (FITC)	1.0 mg
1036-04	Alkaline Phosphatase (AP)	1.0 mL
1036-05	Horseradish Peroxidase (HRP)	1.0 mL
1036-08	Biotin (BIOT)	1.0 mg
1036-09	R-phycoerythrin (PE)	0.5 mg
1036-30	Alexa Fluor <sup>®</sup> 488 (AF488)	1.0 mg
1036-31	Alexa Fluor <sup>®</sup> 647 (AF647)	1.0 mg
1036-32	Alexa Fluor <sup>®</sup> 555 (AF555)	1.0 mg



ELISA plate was coated with purified mouse IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG(H+L)-UNLB (SB Cat. No. 1036-01) followed by Mouse Anti-Goat IgG Fc-HRP (SB Cat. No. 6158-05).

### Description

<b>Specificity</b>	Reacts with the heavy and light chains of mouse IgG <sub>1</sub> , IgG <sub>2a</sub> , IgG <sub>2b</sub> , IgG <sub>2c</sub> , and IgG <sub>3</sub> and with the light chains of mouse IgM and IgA
<b>Source</b>	Pooled antisera from goats hyperimmunized with mouse IgG
<b>Cross Adsorption</b>	None; may react with immunoglobulins from other species
<b>Purification</b>	Affinity chromatography on mouse IgG covalently linked to agarose

### Applications

Quality tested applications include –  
 ELISA<sup>1-4</sup>  
 FLISA

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL

**Other Applications** Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

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Some reagents contain sodium azide. Please refer to product specific SDS.

## References

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1. Xu L, Cao Y, Xie Z, Huang Q, Bai Q, Yang X, et al. The transcription factor TCF-1 initiates the differentiation of T(FH) cells during acute viral infection. *Nat Immunol.* 2015;16:991-9. (ELISA)
2. Li B, Li Z, Wang P, Huang Q, Xu L, He R, et al. Mammalian target of rapamycin complex 1 signalling is essential for germinal centre reaction. *Immunology.* 2017;152:276-86. (ELISA)
3. Xu L, Huang Q, Wang H, Hao Y, Bai Q, Hu J, et al. The kinase mTORC1 promotes the generation and suppressive function of follicular regulatory T cells. *Immunity.* 2017;47:538-51. (ELISA)
4. Wiedmer S, Alnassan AA, Volke B, Thabet A, Dausgchies A, Lendner M, et al. Passive immunization with *Eimeria tenella* gametocyte antigen 56 (EtGAM56) specific antibodies and active immunization trial with the epitope containing peptide. *Vet Parasitol.* 2017;247:100-7. (ELISA)

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