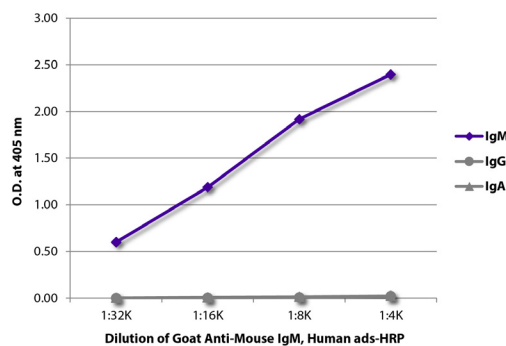




Goat Anti-Mouse IgM, Human ads

Cat. No.	Format	Size
1020-01	Purified (UNLB)	1.0 mg
1020-02	Fluorescein (FITC)	1.0 mg
1020-03	Rhodamine (TRITC)	1.0 mg
1020-04	Alkaline Phosphatase (AP)	1.0 mL
1020-05	Horseradish Peroxidase (HRP)	1.0 mL
1020-06	β -galactosidase (BGAL)	1.0 mL
1020-07	Texas Red [®] (TXRD)	1.0 mg
1020-08	Biotin (BIOT)	1.0 mg
1020-09	R-phycoerythrin (PE)	0.5 mg
1020-09S	R-phycoerythrin (PE)	0.25 mg
1020-11L	Allophycocyanin (APC)	0.5 mg
1020-11S	Allophycocyanin (APC)	0.25 mg
1020-15	Cyanine 5 (CY5)	1.0 mg
1020-17	R-phycoerythrin-Cyanine 7 (PE/CY7)	0.25 mg
1020-30	Alexa Fluor [®] 488 (AF488)	1.0 mg
1020-31	Alexa Fluor [®] 647 (AF647)	1.0 mg
1020-32	Alexa Fluor [®] 555 (AF555)	1.0 mg



ELISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgM, Human ads-HRP (SB Cat. No. 1020-05).

Description

Specificity	Reacts with the heavy chain of mouse IgM
Source	Pooled antisera from goats hyperimmunized with mouse IgM
Cross Adsorption	Mouse IgG and IgA; human immunoglobulins and pooled sera; may react with immunoglobulins from other species
Purification	Affinity chromatography on mouse IgM covalently linked to agarose

Applications

Quality tested applications include –

ELISA¹⁻¹¹
 FLISA
 FC^{4,7,10,13-17}

Other referenced applications include –

ELISPOT^{2,3,5,6,8-10,12}
 IHC-FS^{1,7,18-22}
 IHC-PS²⁸
 ICC^{1,13,23}
 EM¹⁹
 WB^{14,16,24}
 IP^{24,29,30}
 Purification²⁶
 Stim^{14,25-27}

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BGAL conjugate	1:500
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC, TRITC, TXRD, AF488, and AF555 conjugates	1:100 – 1:400
	PE, APC, CY5, and AF647 conjugates	≤ 1 μ g/mL
Flow Cytometry	FITC, BIOT, and AF488 conjugates	≤ 1 μ g/10 ⁶ cells
	PE, APC, CY5, PE/CY7, and AF647 conjugates	≤ 0.1 μ g/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 μ L	
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

- 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), rhodamine (TRITC), and Texas Red® (TXRD), Cyanine 5 (CY5), 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/NaN₃. 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 MgCl₂/50% glycerol, pH 8.0, containing NaN₃ 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 β-galactosidase (BGAL) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS containing NaN₃ as preservative. 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/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The R-phycoerythrin-Cyanine 7 (PE/CY7) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaN₃ 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

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

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