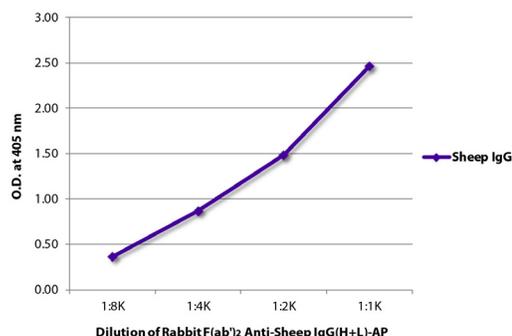




Rabbit F(ab')₂ Anti-Sheep IgG(H+L)

Cat. No.	Format	Size
6010-01	Purified (UNLB)	0.5 mg
6010-02	Fluorescein (FITC)	0.5 mg
6010-04	Alkaline Phosphatase (AP)	1.0 mL
6010-05	Horseradish Peroxidase (HRP)	1.0 mL



ELISA plate was coated with purified sheep IgG. Immunoglobulin was detected with Rabbit F(ab')₂ Anti-Sheep IgG(H+L)-AP (SB Cat. No. 6010-04).

Description

Specificity	Reacts with the heavy and light chains of sheep IgG
Source	Pepsin digest of Rabbit Anti-Sheep IgG(H+L) (SB Cat. No. 6150)
Cross Adsorption	None; may react with immunoglobulins from other species and the light chains of other sheep immunoglobulins

Applications

Quality tested applications include –

ELISA¹
FLISA

Other referenced applications include –

FC²
IHC-FS³
IHC-PS⁴

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
FLISA	FITC conjugate	1:200 – 1:400

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.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 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) conjugate is supplied as 0.5 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.
- 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.

References

1. Gunawardana M, Baum MM, Smith TJ, Moss JA. An intravaginal ring for the sustained delivery of antibodies. *J Pharm Sci.* 2014;103:3611-20. (ELISA)
2. Balyakina EV, Chen D, Lawrence ML, Manning S, Parker RE, Shappell SB, et al. ET-1 receptor gene expression and distribution in L1 and L2 cells from hypertensive sheep pulmonary artery. *Am J Physiol Lung Cell Mol Physiol.* 2002;283:L42-51. (FC)
3. Mulholland B, Tuft SJ, Khaw PT. Matrix metalloproteinase distribution during early corneal wound healing. *Eye.* 2005;19:584-8. (IHC-FS)
4. Kang K. Pathological evaluation of fibropapillomatosis in green sea turtles: evaluation of blood parameters and localization of virus in tumors, as determined by in situ hybridization [thesis]. Athens (USA): University of Georgia, 2007. (IHC-PS)