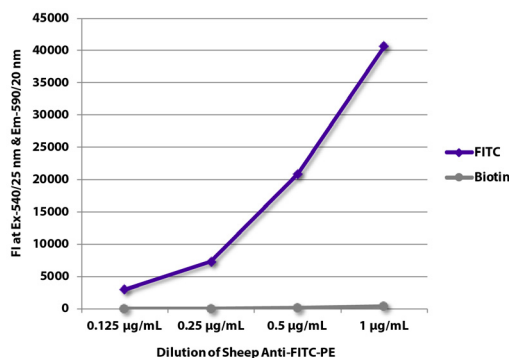




## Sheep Anti-FITC

Cat. No.	Format	Size
6400-01	Purified (UNLB)	1.0 mg
6400-04	Alkaline Phosphatase (AP)	1.0 mL
6400-05	Horseradish Peroxidase (HRP)	1.0 mL
6400-08	Biotin (BIOT)	1.0 mg
6400-09	R-phycoerythrin (PE)	0.5 mg



FLISA plate was coated with Goat Anti-Human IgG-FITC (SB Cat. No. 2040-02) and Goat Anti-Human IgG-BIOT (SB Cat. No. 2040-08). FITC and biotin conjugated antibodies were detected with serially diluted Sheep Anti-FITC-PE (SB Cat. No. 6400-09).

## Description

<b>Specificity</b>	Reacts with fluorescein isothiocyanate (FITC)
<b>Source</b>	Pooled antisera from sheep hyperimmunized with fluorescein isothiocyanate (Isomer I)
<b>Cross Adsorption</b>	None; may react with other fluorescein derivatives
<b>Purification</b>	Affinity chromatography on FITC covalently linked to agarose

## Applications

Quality tested applications include –

ELISA<sup>1,2</sup>  
FLISA  
FC<sup>3</sup>

Other referenced applications include –

IHC-FS<sup>4-6</sup>

## Working Dilutions

<b>ELISA</b>	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>	PE conjugate	≤ 1 µg/mL
<b>Flow Cytometry</b>	PE conjugate	≤ 0.1 µg/mL
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
<b>Other Applications</b>	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

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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 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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5. Pathania M, Torres-Reveron J, Yan L, Kimura T, Lin TV, Gordon V, et al. miR-132 enhances dendritic morphogenesis, spine density, synaptic integration, and survival of newborn olfactory bulb neurons. *PLoS One.* 2012;7(5):e38174. (IHC-FS)
6. Maeda H, Kurose T, Nosaka S, Kawamata S. Microvascular circulation at cool, normal and warm temperatures in rat leg muscles examined by histochemistry using *Lycopersicon esculentum* lectin. *Acta Histochem.* 2014;116:1096-103. (IHC-FS)