



## Mouse F(ab')<sub>2</sub> IgG<sub>1</sub> Isotype Control

Cat. No.	Format	Size
0115-01	Purified (UNLB)	0.5 mg
0115-02	Fluorescein (FITC)	100 tests
0115-09	R-phycoerythrin (PE) Conjugate	100 tests
0115-11	Allophycocyanin (APC)	100 tests
0115-13	Spectral Red® (SPRD)	100 tests
0115-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg

### Overview

<b>Clone</b>	15H6
<b>Isotype</b>	Mouse F(ab') <sub>2</sub> IgG <sub>1</sub> K
<b>Specificity</b>	T-2 mycotoxin

### Applications

FC – Quality tested <sup>1</sup>  
 ELISA – Quality tested  
 FLISA – Quality tested  
 IHC-PS – Reported in literature <sup>2,3</sup>  
*In vitro* control – Reported in literature <sup>4</sup>

### Working Dilutions

<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 µg/10 <sup>6</sup> cells
	FITC, PE, APC, and SPRD conjugates	10 µL/10 <sup>6</sup> cells
	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.**

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 0.5 mg of 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 100 tests in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- 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. Lund CV, Popkov M, Magnenat L, Barbas CF 3<sup>rd</sup>. Zinc finger transcription factors designed for bispecific coregulation of ErbB2 and ErbB3 receptors: insights into ErbB receptor biology. *Mol Cell Biol.* 2005;25:9082-91. (FC)
2. Chatelais L, Jamin A, Gras-Le Guen C, Lallès J, Le Huërou-Luron I, Boudry G. The level of protein in milk formula modifies ileal sensitivity to LPS later in life in a piglet model. *PLoS One.* 2011;6(5):e19594. (IHC-PS)
3. Boudry G, Jamin A, Chatelais L, Gras-Le Guen C, Michel C, Le Huërou-Luron I. Dietary protein excess during neonatal life alters colonic microbiota and mucosal response to inflammatory mediators later in life in female pigs. *J Nutr.* 2013;143:1225-32. (IHC-PS)
4. Pilling D, Tucker NM, Gomer RH. Aggregated IgG inhibits the differentiation of human fibrocytes. *J Leukoc Biol.* 2006;79:1242-51. (*In vitro* control)

Spectral Red® is a registered trademark of Southern Biotechnology Associates, Inc.

Spectral Red® is a PE/CY5 tandem conjugate.

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