

**Cat. No:** IS20030

**Size:** 1 mg

**Clone:** POLY

**Concentration:** 2mg/ml

**Host:** Goat

**Isotype:** IgG

**Reactivity:** Mouse

**Applications:** Recommended Dilution Range  
Fluorescence microscopy: 1-2 ug/mL  
Flow cytometry: 1 ug/10<sup>6</sup> cells  
Near-infrared western detection: 50-100 ng/

**Purification:** Aff. Pur.

**Background:** Alexa Fluor™ dyes are superior to Cy-dyes for antibody labeling by having combined advantages in brightness, photostability, specificity and novel features ideal for in vivo imaging

**Form:** liquid

**Buffer:** pH~7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide.

**Storage:** Store at 4°C for several months. Protect from light. For longer storage, divide the conjugate into small aliquots and freeze at -20°C. Avoid repeated freezing and thawing.

**Properties:** Color and Form: Pink solution Spectral Property:  $\lambda_{abs}/\lambda_{em} = 555/565$  nm (in pH 7.4 PBS buffer) Alexa Fluor™ 555 is spectrally similar to Cy™ 3.

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