

**Cat. No:** IS20039**Size:** 1 mg**Clone:** POLY**Concentration:** 2mg/ml**Host:** Donkey**Isotype:** IgG**Reactivity:** Goat**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.