

**Cat. No:** IS20282  
**Size:** 1 mg  
**Clone:** POLY  
**Concentration:** 2mg/ml  
**Host:** Goat  
**Isotype:** IgG  
**Reactivity:** Rabbit

**Applications:** Recommended Dilution Range  
Fluorescence microscopy: 1-2 ug/mL  
Flow cytometry: 1 ug/106 cells  
Near-infrared western detection: 50-100 ng/m

**Purification:** Aff. Pur.

**Background:** Alexa Fluor 647 antibodies are affinity-purified antibodies labeled with a red fluorescent dye ALEXA FLUOR647, one of an outstanding series of ALEXA FLUOR dyes developed by Immunological Sciences. ALEXA FLUOR dyes are superior to both Alexa® Fluor dyes and CyTM dyes for antibody labeling by having combined advantages in brightness, photostability, specificity and novel features ideal for in vivo imaging (Please visit our website for details).

**Form:** liquid

**Buffer:** 2 mg/mL in 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: Blue solution. Spectral Properties:  $\lambda_{abs}/\lambda_{em} = 650/665$  nm (in pH 7.4 PBS buffer) ALEXA FLUOR647 is spectrally similar to CyTM5, Alexa Fluor® 647 and DyLightTM 649

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