

Cat. No: IS20042
Size: 500 ug
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/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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