

---

|                       |                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>  | Alexa Fluor 555, F(ab') <sub>2</sub> fragment of goat anti mouse IgG(H+L) (min. X Hu)                                                                                                 |
| <b>Cat number:</b>    | IS20032                                                                                                                                                                               |
| <b>Size:</b>          | 500 ug                                                                                                                                                                                |
| <b>Clone:</b>         | POLY                                                                                                                                                                                  |
| <b>Concentration:</b> | 2mg/ml                                                                                                                                                                                |
| <b>Host:</b>          | Goat                                                                                                                                                                                  |
| <b>Isotype:</b>       | IgG                                                                                                                                                                                   |
| <b>Reactivity:</b>    | Mouse                                                                                                                                                                                 |
| <b>Applications:</b>  | 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/                                  |
| <b>Purification:</b>  | Aff. Pur.                                                                                                                                                                             |
| <b>Form:</b>          | liquid                                                                                                                                                                                |
| <b>Buffer:</b>        | pH~7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide.                                                                 |
| <b>Storage:</b>       | 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.           |
| <b>Background:</b>    | 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 |