

# cy5 Conjugated Goat anti-mouse IgG polyclonal Antibody

## HA1110



<b>Product Type:</b>	Goat polyclonal IgG, secondary antibodies
<b>Species reactivity:</b>	Mouse
<b>Applications:</b>	IF-Cell, FC

**Description:** Whole IgG antibodies are isolated as intact molecules from antisera by immunoaffinity chromatography. They have an Fc portion and two antigen binding Fab portions joined together by disulfide bonds and therefore they are divalent. The average molecular weight is reported to be about 160 kDa. The whole IgG form of antibodies is suitable for the majority of immunodetection procedures and is the most cost effective. Cy5 conjugates are excited maximally at 650 nm and fluoresce maximally at 670 nm. They can be excited to about 98% of maximum with a krypton/argon laser (647 nm line) or to about 63% of maximum with a helium/neon laser (633 nm line). Cy5 can be used with a variety of other fluorophores for multiple labeling due to a wide separation of its emission from that of shorter wavelength-emitting fluorophores. However, we recommend Alexa Fluor® 647 as the preferred far-red-fluorescing dye because it is brighter than Cy5 in aqueous mounting media. The reverse is true when mounting in non-polar, plastic mounting media, i.e. Cy5 is brighter than other far-red-fluorescing dyes, including Alexa Fluor® 647 and DyLight 650.

**Conjugate:** Cy5, Amax: 650 Emax: 670nm

**Immunogen:** Mouse IgG (H+L).

**Recommended Dilutions:**

IF-Cell	1:100 - 1:400
FC	1:100 - 1:400

**Storage Buffer:** 1\*TBS (pH7.4), 1% BSA, 50% Glycerol.

**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

**Purity:** Immunogen affinity purified.

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**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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