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Product Data Sheet

Purified Goat anti-rat IgG (minimal x-reactivity)

Catalog # / Size: 405401 / 500 µg
Clone: Poly4054
Isotype: Goat Ig
Reactivity: Rat
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5 mg/ml
Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: FC - *Quality tested*
ELISA, WB - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by ELISA analysis. For ELISA capture, the suggested use of this reagent is ≤ 2.0 µg/ml. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: This conjugated goat anti-rat IgG antibody is useful for direct immunofluorescent staining or as a second step reagent for indirect immunofluorescent staining when used in conjunction with primary antibodies.

Application References:
1. Zornetzer GA, *et al.* 2010. *J. Virol.* 84:11297. PubMed
2. Tokarev AA, *et al.* 2011. *J. Virol.* 85:51. (IF) PubMed
3. Frank NY, *et al.* 2011. *Cancer Res.* 71:1474. (IHC) PubMed

Description: Goat anti-rat IgG antibody reacts with the heavy chains of rat IgG and the light chains common to most rat immunoglobulins. No cross-reactivity has been detected against non-immunoglobulin serum proteins. This antibody has been solid-phase absorbed to ensure minimal cross-reaction with rabbit, human, bovine, horse, and mouse immunoglobulins, but it may cross-react with other immunoglobulins from other species.

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