

Product no **AS09 637**

Goat anti-Mouse IgG (H&L), DyLight® 488 conjugated, min, cross-reactivity to human IgG or serum proteins

Product information

Immunogen | Purified Mouse IgG, whole molecule

Host | Goat

Clonality | Polyclonal

Purity | Immunogen affinity purified goat IgG.

Format | Lyophilized

Quantity | 1 mg

Reconstitution | For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily

Storage | Store lyophilized material at 2-8°C. Product is stable for 4 weeks at 2-8°C after rehydration. For long time storage after reconstitution, dilute the antibody solution with glycerol to a final concentration of 50% glycerol and store as liquid at -20°C, to prevent loss of enzymatic activity. For example, if you have reconstituted 1 mg of antibody in 1.1 ml of sterile water add 1.1 ml of glycerol. Such solution will not freeze in -20°C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming.

Additional information | Conjugate is present in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free. 0.05 % (w/v) sodium azide is added as preservative.

Based on immunoelectrophoresis, this antibody reacts with: heavy () chains on mouse IgG, light chains on all mouse immunoglobulins

No reactivity is observed to: non-immunoglobulin mouse serum proteins, human IgG or serum proteins

Application information

Recommended dilution | 1 : 20-1 : 2000 for most applications

Selected references | [Wang](#) et al. (2016). Complementary expression of optomotor-blind and the Iroquois complex promotes fold formation to separate wing notum and hinge territories. *Dev Biol.* 2016 Aug 1;416(1):225-34. doi: 10.1016/j.ydbio.2016.05.020. Epub 2016 May 19

[Liu](#) et al. (2016). Fold formation at the compartment boundary of *Drosophila* wing requires Yki signaling to suppress JNK dependent apoptosis. *Sci Rep.* 2016 Nov 29;6:38003. doi: 10.1038/srep38003.