

This product is for research use only (not for diagnostic or therapeutic use)

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Product no AS12 2393

Goat anti-Human IgE (epsilon chain), DyLight® 800 conjugated

Product information

Immunogen Purified human IgE (epsilon chain)

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/lgG free. 0.05 % (w/v) sodium azide is added as preservative.

Based on immunoelectrophoresis, this antibody reacts with: heavy () chains on human IgE

No reactivity is observed to: non-immunoglobulin human serum proteins, light chains on all human immunoglobulins

Application information

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

Selected references

Plundrich et al. (2019). Binding of peanut allergen Ara h 2 with Vaccinium fruit polyphenols. Food Chemistry Vol 284, 30 June 2019, Pages 287-295.