bs-2226G-HRP **[Secondary Antibodies]**

Goat anti Human IgE, HRP conjugated

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DATASHEET

Host: Goat **Isotype:** IgG

Clonality: Polyclonal

Target: Goat anti Human IgE

Purification: affinity purified by Protein G

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: IgE is the least abundant immunoglobulin in plasma, found at a concentration of less that 0.6 micrograms/ml of normal plasma. Elevated IgE levels are found in patients experiencing severe allergic reactions and parasitic infections. In a myeloma condition, IgE is produced by a single clone of plasma cells. The structure of myeloma IgE, however, is normal, and the immunoglobulin purified from a myeloma source is a useful protein for studying immunoglobulin behavior. The affinity purified IgE reacted only with anti IgE and not with anti IgG, IgA, IgM or IgD by immunodiffusion and IEP techniques. Prepared from myeloma plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

Applications: **WB** (1:1000-20000)
IHC-P (1:100-1000)
IHC-F (1:100-1000)
ELISA (1:1000-20000)

Reactivity: Human

SELECTED CITATIONS

- **[IF=7.7]** Yutong Huang. et al. The effects of ultrasound-assisted glycation on the allergenicity and functional properties of peanut proteins. INT J BIOL MACROMOL. 2024 Oct;:136664 ELISA ;Human. 39423979