



## **rabbit anti-human Bikunin D2 / Trypstatin IgG**

**Product No. 3205**

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### **Description**

Polyclonal antibody directed against human Bikunin D2 / Trypstatin (inter-alpha-trypsin inhibitor light chain (ITI-LC) carboxyterminal Kunitz-type domain). Rabbits were immunized with recombinant Bikunin D2 /Trypstatin expressed in *Pichia pastoris*. IgG was purified from rabbit serum by precipitation and chromatography. This polyclonal antibody reacts with recombinant and native Bikunin D2.

### **Presentation**

Screw capped clear glass vial containing 1 mg of purified IgG, lyophilized from a buffer of 0.15M PBS, pH 7.4 with 100 mM mannitol added as an excipient.

### **Reconstitution**

Add 1 ml of filtered deionized water to generate a 1 mg/ml stock solution.

### **Storage and Stability**

Store the vial of lyophilized IgG at 2°-8°C. Reconstituted IgG may be aliquoted and stored frozen at -20°C or colder. It is recommended to avoid freeze-thaw cycles.

### **Applications**

A. Inhibitory

### **References**

1. Mast cell protease inhibitor, trypstatin, is a fragment of inter-alpha- trypsin inhibitor light chain. H Itoh, H Ide, N Ishikawa, and Y Nawa. *J Biol Chem* 1994, Vol. 269, Issue 5, 3818-3822.
2. Generation of catalytically active granzyme K from *Escherichia coli* inclusion bodies and identification of efficient granzyme K inhibitors in human plasma. Wilharm E, Parry MA, Friebel R, Tschesche H, Matschiner G, Sommerhoff CP, and Jenne DE. *J Biol Chem.* 1999 Sep 17;274(38):27331-27337.