

# **HPGDS** Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP10145

Host Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from part region of human protein

Mol wt N/A

Species reactivity Human, Rat, Mouse

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Hematopoietic prostaglandin D synthase

Synonyms Hematopoietic prostaglandin D synthase ;H-PGDS;EC 5.3.99.2;GST class-sigma;Glutathione S-

transferase;EC 2.5.1.18;Glutathione-dependent PGD synthase;Glutathione-requiring prostaglandin D sy

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

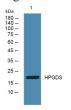
Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH2 to PGD2 and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes.

### Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

## Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°C overnight

#### Storage

-20°C for 1 year