

Recombinant

DGRmAb®

## Phospho-PTS (Ser19) (DGR33280) Rabbit mAb (PBS Only)

db11240-PBS

Package : 100µg

**Product Name :** Phospho-PTS (Ser19) (DGR33280) Rabbit mAb (PBS Only)**Cat.No.:** db11240-PBS**Synonyms :** PTPS**Application :** WB, IHC-P, ICC/IF**Reactivity :** Human**Host species :** Rabbit**Background**

The enzyme encoded by this gene catalyzes the elimination of inorganic triphosphate from dihydroneopterin triphosphate, which is the second and irreversible step in the biosynthesis of tetrahydrobiopterin from GTP. Tetrahydrobiopterin, also known as BH(4), is an essential cofactor and regulator of various enzyme activities, including enzymes involved in serotonin biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia. [provided by RefSeq, Oct 2008]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser19 of human PTS/PTPS

**Gene ID**

5805

**Swiss Prot**

Q03393

**Synonyms**

PTPS

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:200-1:500

**Calculated MW**

16 kDa

**Observed MW**

16 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

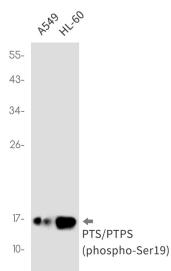
**Clonality No.**

DGR33280

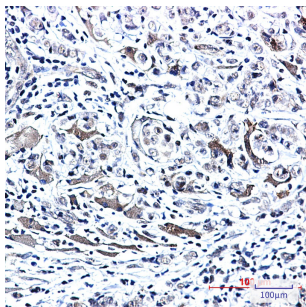
**Isotype**

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of PTS/PTPS (phospho-Ser19) in A549,HL-60 cell lysates using PTS/PTPS (phospho-Ser19) antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human breast cancer using [db11240](#)