

Recombinant

DGRmAb®

Phospho-PTS (Ser19) (DGR33280) Rabbit mAb

db11240

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-PTS (Ser19) (DGR33280) Rabbit mAb**Cat.No.:** db11240**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

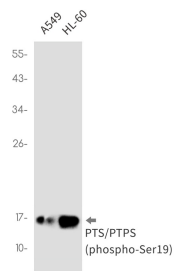
Clonality No.

DGR33280

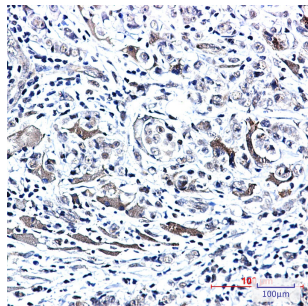
Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. 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 antibody.