

Recombinant

DGRmAb®

5-HT (DGR33105) Rat mAb

db21994

Package : 10µL 20µL 50µL 100µL

Product Name : 5-HT (DGR33105) Rat mAb**Cat.No.:** db21994**Synonyms** : 5 hydroxytryptamine; 5-hydroxytryptamine; 5HT; 5-HT; Serotonin**Application** : IHC-P**Host species** : Rat**Background**

5-hydroxytryptamine (5-HT, serotonin) is an indoleamine neurotransmitter and intestinal hormone—~90% synthesized by intestinal enterochromaffin cells, 10% in the CNS—that modulates key CNS functions (mood, sleep, appetite, cognition, pain) and peripheral processes (intestinal peristalsis, vasoconstriction, platelet aggregation); abnormal levels associate with depression, anxiety, migraine, and irritable bowel syndrome, with SSRIs clinically treating depression via inhibiting 5-HT reuptake.

Immunogen

5-HT-carrier protein conjugated

Synonyms

5 hydroxytryptamine; 5-hydroxytryptamine; 5HT; 5-HT; Serotonin

Application

IHC-P

Recommended dilution

IHC-P: 1:100-1:200

Host species

Rat

Clonality

Monoclonal

Clonality No.

DGR33105

Isotype

IgG2a

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.