

Recombinant

DGRmAb®

HEXB (DGR16641) Rabbit mAb

db14830

Package : 10µL 20µL 50µL 100µL

Product Name : HEXB (DGR16641) Rabbit mAb**Cat.No.:** db14830**Synonyms** : ENC-1AS; HEL-248; HEL-S-111**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

Hexosaminidase B is the beta subunit of the lysosomal enzyme beta-hexosaminidase that, together with the cofactor GM2 activator protein, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Beta-hexosaminidase is composed of two subunits, alpha and beta, which are encoded by separate genes. Both beta-hexosaminidase alpha and beta subunits are members of family 20 of glycosyl hydrolases. Mutations in the alpha or beta subunit genes lead to an accumulation of GM2 ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidoses. Beta subunit gene mutations lead to Sandhoff disease (GM2-gangliosidosis type II). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014]

Immunogen

A synthetic peptide of human HEXB

Gene ID

3074

Swiss Prot

P07686

Synonyms

ENC-1AS; HEL-248; HEL-S-111

Reactivity

Human

Application

WB, IHC-P

Recommended dilutionWB: 1:1000-1:5000
IHC-P: 1:20-1:200**Calculated MW**

63 kDa

Observed MW

63 kDa

Host species

Rabbit

Clonality

Monoclonal

| | |
|-------------------|---|
| Clonality No. | DGR16641 |
| 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. |

