







## HEXB (DGR16641) Rabbit mAb (PBS Only)

db14830-PBS Package: 100μg

Product Name: HEXB (DGR16641) Rabbit mAb (PBS Only)

Cat.No.: db14830-PBS

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 dilution WB: 1:1000-1:5000

IHC-P: 1:20-1:200

Calculated MW 63 kDa

Observed MW 63 kDa

Host species Rabbit

**Clonality** Monoclonal



## For Research Use Only **Product Datasheet**

Clonality No. DGR16641

**Isotype** IgG

**Purity** Affinity Purification

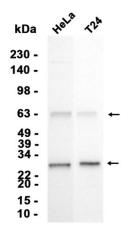
**Conjugation** Un-conjugated

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 analysis of extracts from HeLa, T24 cells using db14830