







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 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

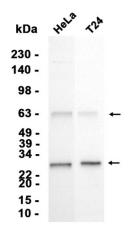
Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated

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 analysis of extracts from HeLa, T24 cells using db14830 at 1:3000.