

Recombinant**DGRmAb®****beta III Tubulin (DGR14148) Rabbit mAb****db12328****Package : 10µL 20µL 50µL 100µL****Product Name :** beta III Tubulin (DGR14148) Rabbit mAb**Cat.No.:** db12328**Synonyms :** CDCBM; FEOM3; TUBB4; CDCBM1; CFEOM3; beta-4; CFEOM3A**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a class III member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. Mutations in this gene are the cause of congenital fibrosis of the extraocular muscles type 3. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Oct 2010]

Immunogen

A synthetic peptide of human beta III Tubulin

Gene ID

10381

Swiss Prot

Q13509

Synonyms

CDCBM; FEOM3; TUBB4; CDCBM1; CFEOM3; beta-4; CFEOM3A

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000
IHC-P: 1:50-1:100
ICC/IF: 1:200-1:500
FC: 1:100-1:1000

Calculated MW

50 kDa

Observed MW

50 kDa

Host species

Rabbit

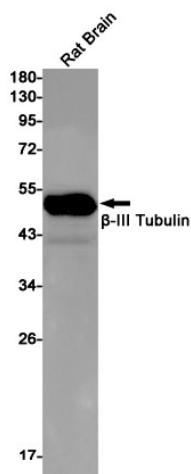
Clonality

Monoclonal

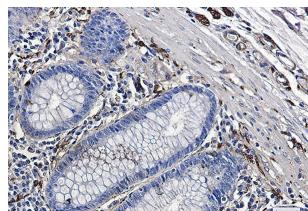
Clonality No.

DGR14148

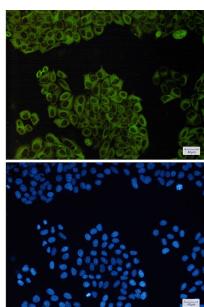
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of beta III Tubulin in Rat Brain lysates using beta III Tubulin antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db12328 antibody.



Immunofluorescent analysis of HeLa cells using db12328 antibody (green), and DAPI (blue).