

Neuron-specific class III β -tubulin Antibody

Catalog No: #48055

Package Size: #48055-1 50ul #48055-2 100ul

Description

Product Name	Neuron-specific class III β -tubulin Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	A8-D10
Purification	Peptide affinity purified.
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic peptide (KLH-coupled) within human/mouse 1-50 aa.
Conjugates	Unconjugated
Other Names	beta 3 tubulin antibody beta-4 antibody CDCBM antibody CDCBM1 antibody CFEOM3 antibody CFEOM3A antibody FEOM3 antibody M(beta)3 antibody M(beta)6 antibody MC1R antibody Neuron specific beta III Tubulin antibody Neuron-specific class III beta-tubulin antibody QccE-11995 antibody QccE-15186 antibody TBB3_HUMAN antibody Tubb 3 antibody TUBB3 antibody TUBB4 antibody Tubulin beta 3 antibody Tubulin beta 3 chain antibody Tubulin beta 4 antibody Tubulin beta III antibody Tubulin beta-3 chain antibody Tubulin beta-4 chain antibody Tubulin beta-III antibody
Accession No.	Swiss-Prot#:Q13509
Calculated MW	50 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000-5,000IHC: 1:100-1:200ICC: 1:500-1:1,000FC: 1:50-1:100

Background

Tubulin is a compound of subunits of A tubulin and B tubulin. Class III beta tubulin (beta III-tubulin) is a vertebrate tubulin isotype specific to the neurons and mammalian testis cells, making it an ideal neuronal marker. Overexpression of class III beta tubulin is associated with the resistances of microtubule-targeted cancer drugs in lung cancer cell lines, breast cancer cell lines, and ovarian tumors.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.