

Anti-TUBB3 Antibody (2R23)

Product Details

Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 50 kDa.
Clone:	2R23
Purification:	Peptide affinity purified.

Applications

Application:	WB,ICC,IHC,FCM
Recommended	WB: 1:1000-5000; IHC: 1:100-200; ICC: 1:500-1000; FCM: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: within human/mouse 1-50 aa
Antigen Species:	human/mouse
Uniprot ID:	Q13509
Synonyms:	TUBB4;TUBB3;Tubulin beta-4 chain;Tubulin beta-3 chain;Tubulin beta-III

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481