

Recombinant beta IV Tubulin Monoclonal Antibody

catalog number: AN301941L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

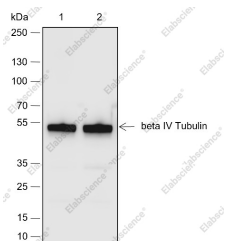
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human beta IV Tubulin fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131562
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

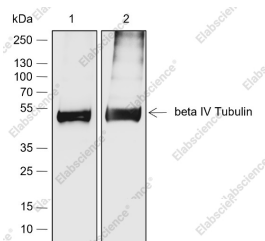
WB	1:1000-1:4000
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Data



Western Blot with beta IV Tubulin Monoclonal Antibody at dilution of 1:2000. Lane 1: Jurkat, Lane 2: HeLa

Observed-MW:50 kDa
Calculated-MW:50 kDa



Western Blot with beta IV Tubulin Monoclonal Antibody at dilution of 1:4000. Lane 1: Mouse brain, Lane 2: Rat brain

Observed-MW:50 kDa
Calculated-MW:50 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Beta IV Tubulin (TUBB4) is a member of the beta tubulin family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in TUBB4 cause hypomyelinating leukodystrophy and autosomal dominant torsion dystonia. Alternate splicing of the TUBB4 gene results in multiple transcript variants encoding different isoforms.

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