

HRP-conjugated beta Tubulin Monoclonal Antibody

catalog number: AN00293HP

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

Description

Reactivity	Human;Mouse;Rat;Zebrafish
Immunogen	Recombinant human TUBB protein by E. Coli
Host	Mouse
Isotype	Mouse IgG
Clone	2E8-2
Purification	Protein A/G Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Recommended Dilution

1:1000-1:3000

Data



Western blot with Anti HRP-conjugated beta Tubulin Monoclonal Antibody at dilution of 1:1000. Lane 1:Raji cell lysate,Lane 2:Jurkat cell lysate, Lane 3:HL-60 cell lysate,Lane 4:U87-MG cell lysate,Lane 5:HT-29 cell lysate,Lane 6:PC-12 cell lysate,Lane 7:C6 cell lysate,Lane 8:Mouse Brain tissue lysate,Lane 9:Rat Brain tissue lysate,Lane 10:Zebrafish lysate.

Observed-MW:55 kDa

Calculated-MW:55 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Protected from prolonged exposure to light.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

In eukaryotes there are six members of the tubulin superfamily. α - and β -tubulins polymerize into microtubules,a major component of the eukaryotic cytoskeleton. Microtubules function in many essential cellular processes, including mitosis. Both α and β tubulins have a mass of around 50 kDa. Tubulin was long thought to be specific to eukaryotes. Beta-tubulin gene is commonly used as a loading control for western blot.

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