

Mouse Monoclonal Antibody to TYRO3

Catalogue Number sAP-0108

Target Molecule **Name:** TYRO3

Aliases: BYK; Brt; Dtk; RSE; Sky; Tif; FLJ16467

MW: N/A

Entrez Gene ID: 7301

Description Tyrosine-protein kinase (TYRO3) belongs to the Tyr protein kinase family (AXL/UFO subfamily). The UFO family of receptor tyrosine kinases is comprised of subfamily members Rse(also referred to as Tyro3 or Sky) and UFO (also called Tyro7 or Axl). Two distinct isoforms of Rse, designated Brt and Etk-2, have been described. Brt differs from Rse at its C-terminus, but more importantly lacks the N-terminal 31 amino acid signal peptide sequence present in Rse, which is replaced by a 27 amino acid Brt-specific sequence. It has been suggested that as a result of this alternative splicing event, Brt resides in the cytoplasm, unlike Rse which is expressed on the cell surface. Ekt-2 also lacks an N-terminal signal peptide which is substituted with a 45 amino acid Ekt-2-specific sequence. Protein kinases mediate most of the signal transduction in

Immunogen Purified recombinant fragment of TYRO3 expressed in E. Coli.

Recitative Species Human

Clone MM1C10E8;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

Reconstitution/Storages Reconstituted with 100µl sterile DI H₂O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. Janssen, J.W.G., et al. 1991. Oncogene 6: 2113-2120. ; 2. Schlessinger, J., et al. 1992. Neuron 9: 383-391. ; 3. Biesecker, L.G., et al. 1995. Oncogene 10: 2239-2242. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**