

Mouse Monoclonal Antibody to TYRO3

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| Catalogue Number | sAP-0274 |
| Target Molecule | Name: TYRO3 Aliases: BYK; Brt; Dtk; RSE; Sky; Tif MW: 96.9kDa Entrez Gene ID: 7301 |
| Description | TYRO3: Tyrosine-protein kinase, also known as BYK, Brt, Dtk, Sky. Entrez Protein: NP_006284. It 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. Etk-2 also lacks an N-terminal signal peptide which is substituted with a 45 amino acid Ekt-2-specific se- |
| Immunogen | Purified recombinant extracellular fragment of human TYRO3 fused with hIgGFc tag expressed in HEK293 cell line. |
| Recitative Species | Human |
| Clone | MM10E11; |
| 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 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1. Gene. 1993 Dec 8;134(2):289-93 ; 2. J Biol Chem. 1996 Nov 22;271 ; 3. Blood. 2000 Jan 15;95(2):633-8. |

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**