



<b>Swiss-Prot No.:</b>	P04629
<b>Altermname:</b>	TrkA
<b>Storage/Stability:</b>	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Immunogen:</b>	Purified recombinant extracellular fragment of human TrkA (aa33-423) fused with hIgGFc tag expressed in HEK293 cell line.
<b>Purification:</b>	Ascitic fluid
<b>Reactivity:</b>	Human
<b>Other Names:</b>	NTRK1, MTC, TRK, TRK1
<b>Background:</b>	TrkA, also known as NTRK1, MTC, TRK, TRK1. It is a member of the neurotrophic tyrosine kinase receptor (NTKR) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.
<b>Gene ID:</b>	4914

<b>Cellular localization:</b>	Cell membrane, Endosome, Membrane
<b>Source:</b>	Mouse
<b>Antibody type:</b>	Monclonal antibody
<b>Isotype:</b>	Mouse IgG1
<b>Molecular Weight:</b>	87.4kDa
<b>Preservative:</b>	Ascitic fluid containing 0.03% sodium azide.
<b>Recommended Dilutions:</b>	WB: 1/500 - 1/2000; IHC: N/A; ICC: 1/200 - 1/1000; FCM: N/A; Elisa: 1/10000
<b>Clone Number:</b>	6B2