

## 32-6130: Mouse Anti Human Potassium channel tetramerisation domain containing 15(Clone: PAT4C3AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT4C3AT.
<b>Application :</b>	ELISA, WB, FACS
<b>Gene :</b>	KCTD15
<b>Gene ID :</b>	79047
<b>Uniprot ID :</b>	Q96SI1
<b>Format :</b>	Purified
<b>Alternative Name :</b>	BTB/POZ domain-containing protein KCTD15, Potassium channel tetramerisation domain containing 15, KCTD15, MGC2628, MGC25497.
<b>Isotype :</b>	Mouse IgG3 heavy chain and L light chain.
<b>Immunogen Information :</b>	Anti-human KCTD15 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human KCTD15 amino acids 1-234 purified from E. coli.

### Description

KCTD15 protein is encoded in humans by the KCTD15 gene. KCTD15 is expressed at a high level in the brain and the hypothalamus. The potassium channel KCTD15 was identified as a genetic loci linked to higher than normal BMI in humans along with genes such as GNPDA2, MTCH2, FTO, and TMEM18. SNPs (Single nucleotide polymorphisms) in non-diabetic and diabetic patients showed that FTO was most strongly associated with obesity while MTCH2 and GNPDA2 were still notably associated with higher than normal BMI levels.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	KCTD15 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

### Application Note

KCTD15 antibody has been tested by ELISA, Western blot and Immunofluorescence analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis and Immunofluorescence is 1:250 ~ 500. Recommended starting dilution is 1:250.