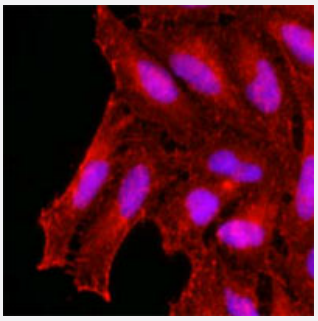
KCTD15 monoclonal antibody, clone AT4C3

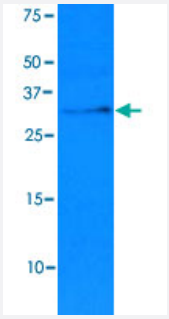
Catalog # MAB8482 Size 100 uL

Applications



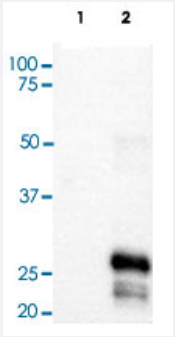
Immunofluorescence

Immunofluorescence of human HeLa cells stained with KCTD15 monoclonal antibody, clone AT4C3 (Cat # MAB8482) (1 : 500) with Texas Red (Red). Nucleus was stained by Hoechst 33342 (Blue).



Western Blot (Cell lysate)

Cell lysates of HeLa (35 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with KCTD15 monoclonal antibody, clone AT4C3 (Cat # MAB8482) (1 : 1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western Blot

Western blot analysis of Lane 1: 293T cell lysate, Lane 2: KCTD15 Transfected 293T cell lysate.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant KCTD15.
Immunogen	Recombinant protein corresponding to amino acids 1-234 of human KCTD15.

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Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG3, kappa
Recommend Usage	ELISA Immunocytochemistry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescence of human HeLa cells stained with KCTD15 monoclonal antibody, clone AT4C3 (Cat # MAB8482) (1 : 500) with Texas Red (Red). Nucleus was stained by Hoechst 33342 (Blue).

- Immunocytochemistry

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Cell lysates of HeLa (35 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with KCTD15 monoclonal antibody, clone AT4C3 (Cat # MAB8482) (1 : 1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

- Western Blot

  Western blot analysis of Lane 1: 293T cell lysate, Lane 2: KCTD15 Transfected 293T cell lysate.

Gene Info — KCTD15

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Entrez GeneID	79047
Protein Accession#	NP_076981
Gene Name	KCTD15
Gene Alias	MGC25497, MGC2628
Gene Description	potassium channel tetramerisation domain containing 15
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- Genetic markers of adult obesity risk are associated with greater early infancy weight gain and growth.

  Elks CE, Loos RJ, Sharp SJ, Langenberg C, Ring SM, Timpson NJ, Ness AR, Davey Smith G, Dunger DB, Wareham NJ, Ong KK.

  PLoS Medicine 2010 May; 7(5):e1000284.

- Six new loci associated with body mass index highlight a neuronal influence on body weight regulation.

  Willer CJ, Speliotes EK, Loos RJ, Li S, Lindgren CM, Heid IM, Berndt SI, Elliott AL, Jackson AU, Lamina C, Lettre G, Lim N, Lyon HN, McCarroll SA, Papadakis K, Qi L, Randall JC, Roccasecca RM, Sanna S, Scheet P, Weedon MN, Wheeler E, Zhao JH, Jacobs LC, Prokopenko I, Soranzo N, Tanaka T, Timpson NJ, Almgren P, Bennett A, Bergman RN, Bingham SA, Bonnycastle LL, Brown M, Burtt NP, Chines P, Coin L, Collins FS, Connell JM, Cooper C, Smith GD, Dennison EM, Deodhar P, Elliott P, Erdos MR, Estrada K,.

  Nature Genetics 2008 Dec; 41(1):25.

- Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.

  Strausberg RL, Feingold EA, Grouse LH, Derge JG, Klausner RD, Collins FS, Wagner L, Shenmen CM, Schuler GD, Altschul SF, Zeeberg B, Buetow KH, Schaefer CF, Bhat NK, Hopkins RF, Jordan H, Moore T, Max SI, Wang J, Hsieh F, Diatchenko L, Marusina K, Farmer AA, Rubin GM, Hong L, Stapleton M, Soares MB, Bonaldo MF, Casavant TL, Scheetz TE, Brownstein MJ, Usdin TB, Toshiyuki S, Carninci P, Prange C, Raha SS, Loquellano NA, Peters GJ, Abramson RD, Mullahy SJ, Bosak SA, McEwan PJ, McKernan KJ, Malek JA,

  PNAS 2002 Dec; 99(26):16899.

Disease

- Anorexia Nervosa
- Asthma

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- Birth Weight
- Cardiovascular Diseases
- Diabetes Mellitus
- Failure to Thrive
- Genetic Predisposition to Disease
- Insulin Resistance
- Obesity
- Weight Gain

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