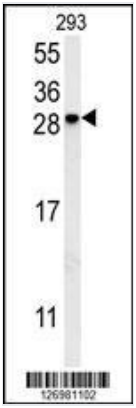
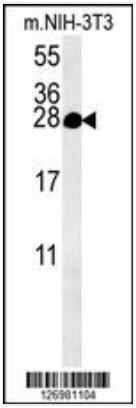
KCT2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

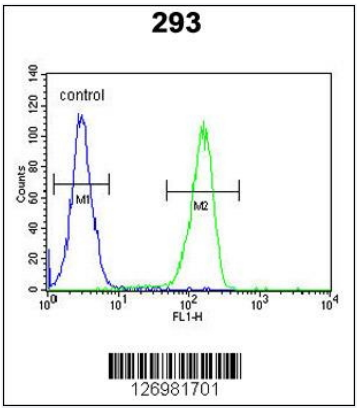
Product Name	KCT2, Polyclonal Antibody
Full Product Name	KCT2, ID (KCT2, C5orf15, Keratinocyte-associated transmembrane protein 2) (Biotin)
Product Gene Name	anti-KCT2 antibody
Product Synonym Names	KCT2; C5orf15; Keratinocyte-associated transmembrane protein 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	29,235 Da
3D Structure	ModBase 3D Structure for Q8NC54
Immunogen	KCT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 130-159 amino acids from the Central region of human KCT2.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-KCT2 antibody	Antibodies; Transmembrane Proteins
Applications Tested/Suitable for anti-KCT2 antibody	Flow Cytometry (FC/FACS), ELISA (EIA), Western Blot (WB)
Application Notes for anti-KCT2 antibody	FC/FACS: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-KCT2 antibody	MBS6312799 is an antibody targeting KCT2. Also known as KCT2, ID (KCT2, C5orf15, Keratinocyte-associated transmembrane protein 2) (Biotin). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-KCT2 antibody	Anney, R.J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1369-1378 (2008): Bonkobara, M., et al. Br. J. Dermatol. 148(4):654-664(2003).
Other Notes	Small volumes of anti-KCT2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-KCT2 antibody
KCT2 Antibody (Center) western blot analysis in 293 cell line lysates (15ug/lane).This demonstrates the KCT2 antibody detected the KCT2 protein (arrow).



Western Blot (WB) of anti-KCT2 antibody
KCT2 Antibody (Center) western blot analysis in mouse NIH-3T3 cell line lysates (15ug/lane).This demonstrates the KCT2 antibody detected the KCT2 protein (arrow).



Flow Cytometry (FC/FACS) of anti-KCT2 antibody
KCT2 Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KCT2. It may not necessarily be applicable to this product.

NCBI GI #	9910278
NCBI GeneID	56951
NCBI Accession #	NP_064584.1
UniProt Primary Accession #	Q8NC54
UniProt Secondary Accession #	Q9NRG2; B2RD10; D3DQ92
UniProt Related Accession #	Q8NC54
GenBank Nucleotide #	NM_020199.2
NCBI Official Full Name	keratinocyte-associated transmembrane protein 2
NCBI Official Synonym Full Names	chromosome 5 open reading frame 15
NCBI Official Symbol	C5orf15
NCBI Official Synonym Symbols	KCT2; HTGN29
UniProt Protein Name	Keratinocyte-associated transmembrane protein 2
Protein Family	Keratinocyte-associated transmembrane protein
UniProt Gene Name	KCT2

UniProt Synonym Gene Names	C5orf15; HTGN29
UniProt Entry Name	KCT2_HUMAN
NCBI Protein Information	keratinocyte-associated transmembrane protein 2; keratinocytes associated transmembrane protein 2
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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