



Anti-TBC1D4 monoclonal antibody, clone 6F7 (DCABH-849)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to TBC1D4
Antigen Description	May act as a GTPase-activating protein for RAB2A, RAB8A, RAB10 and RAB14. Isoform 2 promotes insulin-induced glucose transporter SLC2A4/GLUT4 translocation at the plasma membrane, thus increasing glucose uptake.
Immunogen	Recombinant full length Human TBC1D4 protein produced in HEK293T cells (NP_055647.2).
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	6F7
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt, ICC/IF
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY TBC1D4 cDNA; COS7 cells transiently transfected with pCMV6-ENTRY TBC1D4; HEK293T cells transfected with pCMV6-ENTRY TBC1D4 overexpress plasmid; HeLa and Jurkat cells.
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 1% BSA, 50% Glycerol, 48% PBS

Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	TBC1D4 TBC1 domain family, member 4 [Homo sapiens]
Official Symbol	TBC1D4
Synonyms	TBC1D4; TBC1 domain family, member 4; TBC1 domain family member 4; Akt substrate of 160 kDa; AS160; DKFZp779C0666; KIAA0603; akt substrate of 160 kDa; Acrg embryonic lethality minimal region ortholog; TBC (Tre-2, BUB2, CDC16) domain-containing protein;
Entrez Gene ID	9882
Protein Refseq	NP_055647
UniProt ID	O60343
Chromosome Location	13q22.2
Pathway	Class I PI3K signaling events mediated by Akt, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Insulin-mediated glucose transport, organism-specific biosystem.
Function	GTPase activator activity; Rab GTPase activator activity;