



# Anti-TBC1D2 monoclonal antibody (DCABH-17044)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Acts as GTPase-activating protein for RAB7A. Signal effector acting as a linker between RAC1 and RAB7A, leading to RAB7A inactivation and subsequent inhibition of cadherin degradation and reduced cell-cell adhesion. Interacts with activated RAC1 and CDH1.
<b>Immunogen</b>	A synthetic peptide of human TBC1D2 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TBC1D2 TBC1 domain family, member 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	TBC1D2

<b>Synonyms</b>	TBC1D2; TBC1 domain family, member 2; TBC1 domain family member 2A; Armus; PARIS1; prostate antigen recognized and identified by SEREX; TBC1D2A; armus; TBC1 domain family, member 2A; prostate antigen recognized and identified by SEREX 1; PARIS-1; FLJ10702; FLJ16244; FLJ42782; DKFZp761D1823;
<b>Entrez Gene ID</b>	<a href="#">55357</a>
<b>Protein Refseq</b>	<a href="#">NP_060891</a>
<b>UniProt ID</b>	<a href="#">Q9BYX2</a>
<b>Chromosome Location</b>	9q22.32
<b>Function</b>	GTPase activator activity; Rab GTPase activator activity; cadherin binding;