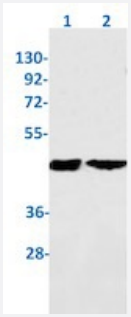
RecomAb™

TMEM43 recombinant monoclonal antibody, clone R07-9D4

Catalog # RAB01861 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane1: K562 and Lane2: C6 lysates with TMEM43 recombinant monoclonal antibody, clone R07-9D4 (Cat # RAB01861).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TMEM43.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human TMEM43.
Theoretical MW (kDa)	Calculated MW: 45 kD
Reactivity	Human, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction	Store at -20 °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

- Western Blot

  Western blot analysis of Lane1: K562 and Lane2: C6 lysates with TMEM43 recombinant monoclonal antibody, clone R07-9D4 (Cat # RAB01861).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — TMEM43

Entrez GeneID	79188
Protein Accession#	Q9BTV4
Gene Name	TMEM43
Gene Alias	ARVC5, ARVD5, DKFZp586G1919, LUMA, MGC3222
Gene Description	transmembrane protein 43
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the TMEM43 family. Defects in this gene are the cause of familial arrhythmo genic right ventricular dysplasia type 5 (ARVD5), also known as arrhythmogenic right ventricular c ardiomyopathy type 5 (ARVC5). Arrhythmogenic right ventricular dysplasia is an inherited disorde r, often involving both ventricles, and is characterized by ventricular tachycardia, heart failure, sudd en cardiac death, and fibrofatty replacement of cardiomyocytes. This gene contains a response el ement for PPAR gamma (an adipogenic transcription factor), which may explain the fibrofatty repl acement of the myocardium, a characteristic pathological finding in ARVC. [provided by RefSeq
Other Designations	-

Disease

- Arrhythmogenic Right Ventricular Dysplasia
- Tobacco Use Disorder