

## TMEM145 rabbit pAb

## Cat No.:ES3618

For research use only

## Overview

Product Name	TMEM145 rabbit pAb	
Host species	Rabbit	
Applications	WB;IHC;IF;ELISA	
Species Cross-Reactivity	Human;Mouse	
Recommended dilutions	Western Blot: 1/500 - 1/2000.	
	Immunohistochemistry: 1/100 - 1/300.	
	Immunofluorescence: 1/200 - 1/1000. ELISA:	
	1/10000. Not yet tested in other applications.	
Immunogen	The antiserum was produced against synthesized	
	peptide derived from human TMEM145. AA	
	range:58-107	
Specificity	TMEM145 Polyclonal Antibody detects endogenous	
	levels of TMEM145 protein.	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and	
	0.02% sodium azide.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	Transmembrane protein 145	
Gene Name	TMEM145	
Cellular localization	Membrane ; Multi-pass membrane protein .	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration	1 mg/ml	
Observed band	56kD	
Human Gene ID	284339	
Human Swiss-Prot Number	Q8NBT3	
Alternative Names	TMEM145; Transmembrane protein 145	
Background	TMEM145 (transmembrane protein 145) is a 493	
	amino acid protein encoded by a gene mapping to	
	human chromosome 19. Consisting of around 63	
	million bases with over 1,400 genes, chromosome	
	19 makes up over 2% of human genomic DNA.	



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Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fca receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3.

Western Blot analysis of various cells using TMEM145 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



HepG2

(kD)

117-

85-

48-

34-

26-

Western blot analysis of lysates from HepG2 cells, using TMEM145 Antibody. The lane on the right is blocked with the synthesized peptide.



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