# TMEM145 Polyclonal Antibody

E20-74678

**Catalog Number:**E20-74678
**Amount:**100ul
**Applications:**WB;IHC;IF;ELISA
**Reactivity:**Human;Mouse

**Target:**TMEM145

**Gene Name:**TMEM145

**Protein Name:**Transmembrane protein 145

**Human Gene Id:**284339

**Human Swiss Prot No:**Q8NBT3

**Mouse Gene Id:**330485

**Mouse Swiss Prot No:**Q8C4U2

**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.

**Source:**Polyclonal, Rabbit,IgG

**Dilution:**WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.

**Purification:**The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration:**1 mg/ml

**Storage Stability:**-15°C to -25°C/1 year(Do not lower than -25°C)

**Other Name:**TMEM145;Transmembrane protein 145

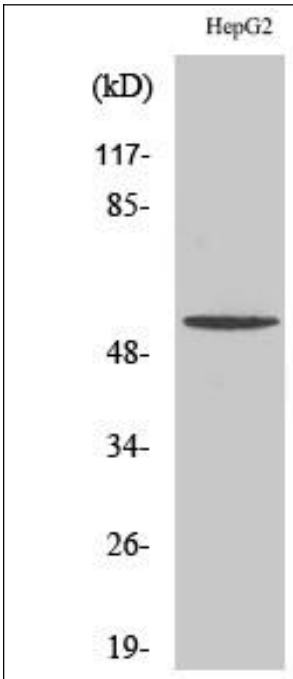
**Observed Band(KD):**56kD

**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. 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 Fcα 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

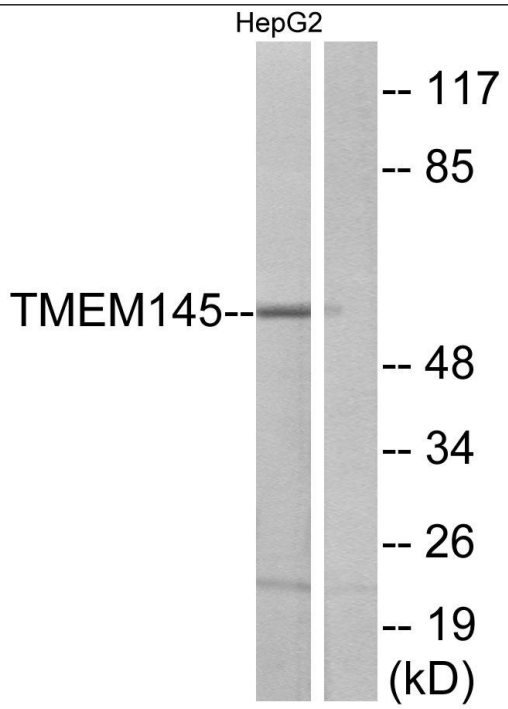
diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3.

**Subcellular Location:**Membrane ; Multi-pass membrane protein.

**Expression:**Retinoblastoma




Western Blot analysis of various cells using TMEM145 Polyclonal Antibody. Secondary antibody was diluted at 1:20000.




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