

TMEM143 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16484c**Specification**

TMEM143 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q96AN5](#)**TMEM143 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 55260**Other Names**

Transmembrane protein 143, TMEM143

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TMEM143 Antibody (Center) Blocking Peptide - Protein Information**Name** TMEM143**Cellular Location**

Membrane; Multi-pass membrane protein

TMEM143 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TMEM143 Antibody (Center) Blocking Peptide - Images**TMEM143 Antibody (Center) Blocking Peptide - Background**

TMEM143 (transmembrane protein 143) is a 459 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 Fc γ 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.

TMEM143 Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)