

## Product datasheet for TA301587

### Telomerase reverse transcriptase (TERT) Mouse Monoclonal Antibody [Clone ID: 2D8]

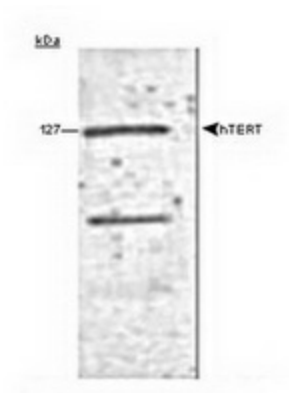
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	2D8
Applications:	WB
Recommend Dilution:	WB: 1:500-1: 1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Full-length recombinant hTERT from insect cells.
Formulation:	0.1% sodium azide
Purification:	Ascites
Gene Name:	telomerase reverse transcriptase
Database Link:	<a href="#">NP_937983 Entrez Gene 7015 Human</a>
Background:	Telomeres are nucleoprotein structures at the ends of eukaryotic chromosomes. They regulate several crucial cellular functions and participate in the control of complex phenotypes, such as aging and cancer. Cell immortalization is strongly associated with the stabilization of telomere length. Therefore, it is suggested that cancer cells achieve immortalization in part through illegitimate activation of telomerase expression. hTERT is the rate-limiting catalytic subunit of telomerase. Telomerase is an enzyme uniquely associated with immortal cell lines and is useful for identifying undifferentiated PSCs.
Synonyms:	CMM9; DKCA2; DKCB4; EST2; hEST2; hTRT; PFBMFT1; TCS1; TP2; TRT
Protein Families:	Druggable Genome



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Product images:



Western Blot analysis of human TERT