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Datasheet for ABIN1700143  
**anti-TMEM245 antibody (AA 201-300) (Biotin)**

## Overview

Quantity:	100 µL
Target:	TMEM245
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM245 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C9orf5
Isotype:	IgG
Predicted Reactivity:	Human,Dog,Cow,Sheep
Purification:	Purified by Protein A.

## Target Details

Target:	TMEM245
Alternative Name:	C9orf5 ( <a href="#">TMEM245 Products</a> )
Background:	Synonyms: C9orf5, TM245_HUMAN, Protein CG-2, Transmembrane protein C9orf5,

## Target Details

Background: C9orf5 (chromosome 9 open reading frame 5), also known as CG2, is a 911 amino acid multi-pass membrane protein that is widely expressed and exists as four alternatively spliced isoforms. The gene encoding C9orf5 maps to human chromosome 9, which consists of about 145 million bases, represents 4 % of the human genome and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias.

Gene ID: 23731

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months