

**bs-11876R****[ Primary Antibody ]****TMEM176B Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> ELISA (1:5000-10000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> (predicted: Human)
<b>GeneID:</b> 28959	<b>SWISS:</b> Q3YBM2	
<b>Target:</b> TMEM176B		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human LR8/TMEM176B: 25-150/270.		<b>Predicted MW.:</b> 29 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cell membrane ,Nucleus
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Chromosome 7 is about 158 million bases long, encodes over 1000 genes and makes up about 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia. The LR8 gene product has been provisionally designated LR8 pending further characterization.		

**— SELECTED CITATIONS —**

- **[IF=2.5]** Wei Qian. et al. Transmembrane protein 176B promotes epithelial-mesenchymal transition in colorectal cancer through inflammasome inhibition. WORLD J GASTRO ONCOL. 2025 Mar;17(3):97673 WB ;Mouse. 40092936