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<b>Product name:</b>	TMEM173 Monoclonal Antibody
<b>Cat number:</b>	MAB-94702
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100ug
<b>Clone:</b>	EPR13130
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 150-379 of human STING/TMEM173 (NP_938023.1).
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB 1:10000 - 1:29000; IHC 1:100 - 1:500
<b>Molecular Weight:</b>	42kDA
<b>Purification:</b>	Aff. Pur.
<b>Form:</b>	Liquid
<b>Buffer:</b>	Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Background:</b>	This gene encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects cytosolic nucleic acids and transmits signals that activate type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants.