

Product name:	TMEM173 Monoclonal Antibody
Cat number:	MAB-94702
Conjugate:	Unconjugated
Size:	100ug
Clone:	EPR13130
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 150-379 of human STING/TMEM173 (NP_938023.1).
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:10000 - 1:29000; IHC 1:100 - 1:500
Molecular Weight:	42kDA
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	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.