

Certificate of Analysis

Product:	Rabbit Monoclonal Antibody Anti- ANO1 / DOG1 / TMEM16A Rabbit Monoclonal Antibody, Clone RM440
Catalog No.:	31-1331-00
Lot No:	
Clone:	RM440
Specificity:	This antibody reacts to human ANO1 / DOG1 / TMEM16A
Application:	Immunohistochemistry
Immunogen:	A peptide corresponding to the internal region of DOG1
Purity:	Protein A affinity purified from an animal origin-free culture supernatant.
Size:	100 µL
Buffer:	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Usage:	IHC: 1:100 – 1:400 dilution.
Storage and Stability:	Stable for 1 Year at -20.0°C from date of receipt.
Country of Origin:	U.S.A.
Intended Use:	For Research Use Only Not for Diagnostic or Therapeutic Use

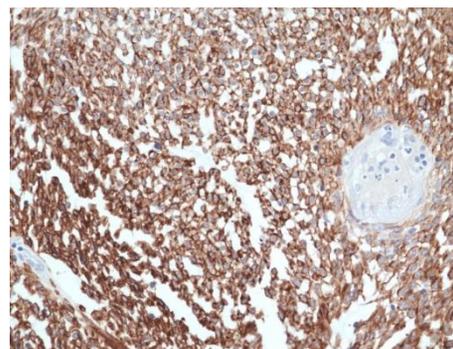


Fig 1. Immunohistochemical staining of formalin fixed and paraffin embedded human gastrointestinal stroma tissue sections using anti-DOG1 antibody (RM440) at 1:100 dilution.



Fig 2. Immunohistochemical staining of formalin fixed and paraffin embedded human colon tissue sections using anti-DOG1 antibody (RM440) at 1:100 dilution. DOG1-positive cells are interstitial cells of Cajal (ICCs) located within the muscle layer.

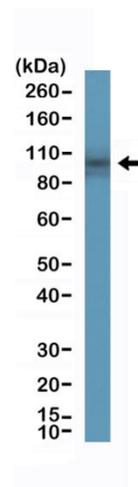


Fig 3. Western Blot cell human small intestine tissue lysate using anti-DOG1 antibody (RM440) at 1:200 dilution.