



Rabbit Anti-Human VIL1 Monoclonal Antibody, clone CQ7177 (CABT-Z233R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to Villin residues within aa600-700 of Villin was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7177
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	93 kDa
Cellular Localization	Cytoplasm
Positive Control	Colon
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction Villin is a 93 kDa calcium-regulated, actin-binding protein that plays a role in regulating actin filament assembly. It is a major constituent in the microvilli, which compose the brush border of epithelial cells forming absorptive surfaces of the intestinal and renal proximal tubular epithelia. In normal human tissue, villin is expressed by a limited number of simple epithelia of the gastrointestinal and urogenital tract. In tumor tissue, it is always expressed in colorectal cancer, hepatocellular carcinoma, endometrium cancer, as well as cancers of ovary and lung. Villin is a useful aid for classification of primary and metastatic colorectal carcinomas.

Keywords VIL1; villin 1; VIL; D2S1471; villin-1

GENE INFORMATION

Gene Name	VIL1
Entrez Gene ID	7429
UniProt ID	P09327