

Anti-Reg IV antibody



Description	Rabbit polyclonal to Reg IV.
Model	STJ95405
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human Reg IV.
Immunogen Region	Internal
Gene ID	83998
Gene Symbol	REG4
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	Reg IV Polyclonal Antibody detects endogenous levels of Reg IV protein.
Tissue Specificity	Highly expressed in the gastrointestinal tract including the duodenum, jejunum, ileum, ileocecum, appendix, descending colon, pancreas and small intestine. Weakly expressed in normal colon and stomach. Strongly expressed in most colorectal tumors than in normal colon. Preferentially expressed in mucinous tumors and in some cases neuro-endocrine tumors. Expressed in mucus-secreting cells and enterocyte-like cells. In small intestine expressed at the basal perinuclear zone of goblet cells.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).

Protein Name	Regenerating islet-derived protein 4 REG-4 Gastrointestinal secretory protein REG-like protein Regenerating islet-derived protein IV Reg IV
Molecular Weight	18.23 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:22977OMIM:609846
Alternative Names	Regenerating islet-derived protein 4 REG-4 Gastrointestinal secretory protein REG-like protein Regenerating islet-derived protein IV Reg IV
Function	Calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate recognition activity in an acidic environment. May be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium.
Cellular Localization	Secreted

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