

bs-10036R**[Primary Antibody]****REG4 Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Dog)
GeneID: 83998	SWISS: Q9BYZ8	
Target: REG4		Predicted MW.: 18 kDa
Immunogen: KLH conjugated synthetic peptide derived from human REG4: 71-158/158.		Subcellular Location: Secreted
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Reg IV is part of the regenerating gene family within the C-type lectin superfamily. This family is involved in liver, pancreatic, gastric and intestinal cell proliferation and differentiation. Reg IV is a 158-amino acid secretory protein implicated in cell regeneration and/or survival with a definite growth stimulating effect on pancreatic beta cells. It is highly expressed in colorectal, gastric, prostate and other types of cancer. Reg IV-positive tumor cells display different phenotypes including mucus-secreting, enterocyte-like, and undifferentiated.		

— SELECTED CITATIONS —

- **[IF=5.13]** Nishimura R et al. Establishment of a system to evaluate the therapeutic effect and the dynamics of an investigational drug on ulcerative colitis using human colonic organoids. J Gastroenterol. 2019 Jul;54(7):608-620. Other ;Human. 30599053
- **[IF=2.489]** Dandan Chai. et al. CDX2 and Reg IV expression and correlation in gastric cancer. BMC Gastroenterol. 2021 Dec;21(1):1-12 IHC ;Human. 33639844