

Anti-Gastrokine 1 Antibody (4C630)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4C630
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human GKN1 / Gastrokine 1 Protein (TMPY-00519)
Antigen Species:	Human
Synonyms:	foveolin;AMP18;FOV;CA11;BRICD1;UNQ489/PRO1005;gastrokine 1

Research Background

Gastrokine 1 (GKN1) belongs to the BRICHOS domain family and plays a major role in maintaining gastric mucosa integrity. GKN1 is highly expressed in gastric tissue and is secreted into the stomach but is not expressed in gastric cancer. GKN1-mediated inhibition of APP processing might represent a new approach for the prevention and therapy of Alzheimer's disease (AD). In the presence of GKN2, GKN1 loses its ability to decrease cell proliferation, induce apoptosis, and inhibit epigenetic alterations in gastric cancer cells, that GKN2 may contribute to the homeostasis of gastric epithelial cells by inhibiting GKN1 activity. The loss of GKN1 function contributes to malignant transformation and proliferation of gastric epithelial cells in gastric carcinogenesis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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