

Pepsinogen I Antibody, mAb, Mouse

Cat. No.	Name	Clone
V05601	Pepsinogen I Antibody (5F2), mAb, Mouse	5F2
V05602	Pepsinogen I Antibody (5E3), mAb, Mouse	5E3
V05603	Pepsinogen I Antibody (1H5), mAb, Mouse	1H5
V05604	Pepsinogen I Antibody (8C4), mAb, Mouse	8C4

Specificity	Human pepsinogen I All mAb pairs below have no cross-reactivity with human pepsinogen II
Isotype	IgG1 for mAbs 5F2, 5E3, 1H5 and 8C4
Production	Cultured <i>in vitro</i> under conditions free from animal-derived components
Purification	Protein A/G affinity column 1) PBS, pH 7.4, containing 0.03% Proclin 300 2) 50 mM Na-citrate, 150 mM NaCl, pH 6.0, containing 0.03% Proclin 300 for
Formulation	8C4. 50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300 for other clones. * *: For new batch since 09/01/2018, please refer to COA.
Storage	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application	Platform	Capture	Detection
	CLIA	8C4	5F2
	TRFIA	1H5	5F2
	LETIA	5F2	8C4
	ELISA	8C4	1H5
		5E3	5F2
		1H5	5F2

Background Pepsinogen are aspartic proteinases, which are classified into two groups: pepsinogen I (PGI) and pepsinogen II (PGII). PGI and PGII are mainly secreted by gastric chief cells. PGI and PGII are of useful aid in diagnosing severe atrophic gastritis and stomach cancer.

Note GenScript can customize this product per customer's request including product size, buffer components, etc.

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.