

Nur für Forschungszwecke

MIST1 Monoklonaler Antikörper

Katalog-Nr.:68092-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68092-1-Ig	GenBank-Zugangsnummer: BC113394	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von168620 Nanodrop;	GeneID (NCBI): 168620	CloneNo.: 1E10B3
Wirt: Maus	Vollständiger Name: basic helix-loop-helix family, member a15	Empfohlene Verdünnungen: WB 1:2000-1:10000
Isotyp: IgG2a	Berechnete Masse: 189 aa, 21 kDa	
Immunogen Katalognummer: AG18509	Beobachtete Masse: 27 kDa	

Anwendungen

Geprüfte Anwendungen:
WB, ELISA

Getestete Reaktivität:
Hausschwein, Human, Maus, Ratte

Positivkontrollen:

WB : BxPC-3-Zellen, Hausschwein-Pankreasgewebe, Ratten-Pankreasgewebe, SW 1990-Zellen

Hintergrundinformationen

Muscle intestine stomach expression 1 (MIST1), also named bHLHa15, is a secretory cell transcription factor that belongs to the basic helix-loop-helix superfamily. MIST1 is mainly expressed in serous secreted cells and essential for the development and maturation of secretory cells. Secretory cells lacking MIST1 exhibit structural and functional defects, including alterations in cytoskeletal organization and cell polarity and improper cell-cell junction. In healthy pancreata, MIST1 facilitates cell-to-cell communication, promotes acinar cell polarity, controls Ca²⁺ flux, promotes unfolded protein response (UPR) homeostasis, aids in vesicle assembly, and is required for regulated exocytosis. MIST1 was downregulated in pancreatic cancer tissues compared with normal or adjacent pancreatic tissues and lower MIST1 expression in pancreatic cancer cell lines than normal acinar cells (BxPC-3, PANC-1, SW 1990) (PMID:29859299). MIST1 is downregulated in the development of gastric cancer and in gastric cancer cells compared with SW620 cells (PMID:34149921).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:

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