

Anti-MFI2 Antibody (2H14)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	2H14
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

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: Mouse MFI2 Protein (TMPY-02671)
Antigen Species:	Mouse
Synonyms:	MTF1;melanotransferrin;CD228;MAP97;MTf

Research Background

MELTF (Melanotransferrin, also known as MFI2) is a Protein Coding gene. The protein encoded by this gene is a cell-surface glycoprotein found on melanoma cells. The protein shares sequence similarity and iron-binding properties with members of the transferrin superfamily. MELTF is broadly expressed in the salivary gland, kidney, and other tissues. The long non-coding RNA MFI2 antisense RNA is overexpressed in human cancer tissues and its increased expression is associated with the occurrence and metastasis of cancer. lncRNA MFI2 could promote proliferation and migration of osteosarcoma cells by regulating FOXP4 expression, which suggested critical roles of lncRNA MFI2 and FOXP4 in the occurrence and development of human osteosarcoma. Diseases associated with MELTF include Osteogenic Sarcoma and Melanotic Neuroectodermal Tumor.

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