Anti-C8orf4 antibody

Cat. No.	ml225209
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-C8orf4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human C8orf4
Reactivity	Human, Mouse
Content	0.96 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	C8orf4
Full name	chromosome 8 open reading frame 4
Synonyms	TC1; TC-1
Swissprot	Q9NR00

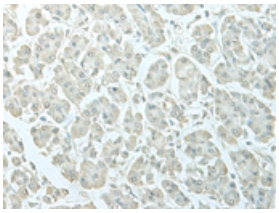
Target Background

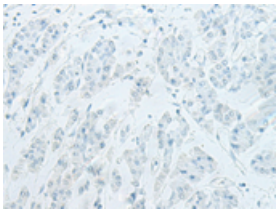
This gene encodes a small, monomeric, predominantly unstructured protein that functions as a positive regulator of the Wnt/beta-catenin signaling pathway. This protein interacts with a repressor of beta-catenin mediated transcription at nuclear speckles. It is thought to competitively block interactions of the repressor with beta-catenin, resulting in up-regulation of beta-catenin target genes. The encoded protein may also play a role in the NF-kappaB and ERK1/2 signaling pathways. Expression of this gene may play a role in the proliferation of several types of cancer including thyroid cancer, breast cancer and hematological malignancies.

Applications

Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm
Positive control: Human gastric cancer
Recommended dilution: 40-200





The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml225209(C8orf4 Antibody) at dilution 1/55, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Nucleus and Cytoplasm
Positive control: Human thyroid cancer
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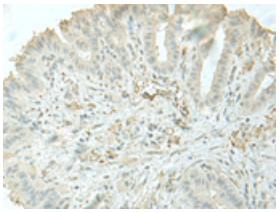

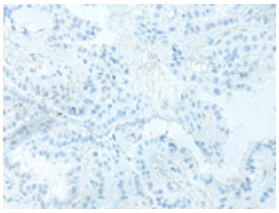

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml225209(C8orf4 Antibody) at dilution 1/55, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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