Anti-IFI16 antibody

Cat. No.	ml163029
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-IFI16 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human IFI16
Reactivity	Human
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	IFI16
Full name	interferon, gamma-inducible protein 16
Synonyms	PYHIN2; IFNGIP1
Swissprot	Q16666

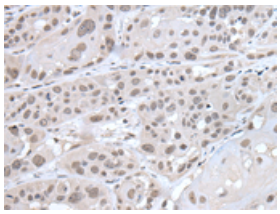
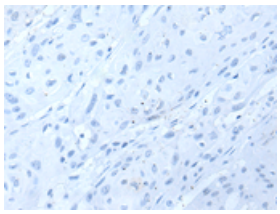
Target Background

This gene encodes a member of the HIN-200 (hematopoietic interferon-inducible nuclear antigens with 200 amino acid repeats) family of cytokines. The encoded protein contains domains involved in DNA binding, transcriptional regulation, and protein-protein interactions. The protein localizes to the nucleoplasm and nucleoli, and interacts with p53 and retinoblastoma-1. It modulates p53 function, and inhibits cell growth in the Ras/Raf signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Applications

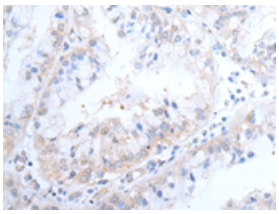
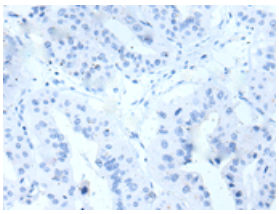
Immunohistochemistry

Predicted cell location: Nucleus or Cytoplasm
Positive control: Human esophagus cancer
Recommended dilution: 20-100

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml163029(IFI16 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Nucleus or Cytoplasm
Positive control: Human liver cancer
Recommended dilution: 20-100

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml163029(IFI16 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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