

## Anti-IRGM antibody

<b>Cat. No.</b>	ml222555
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-IRGM rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human IRGM
<b>Reactivity</b>	Human
<b>Content</b>	0.4 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	IRGM
<b>Full name</b>	immunity-related GTPase family, M

**Synonyms** IFI1; IRGM1; LRG47; LRG-47

**Swissprot** A1A4Y4

### **Target Background**

This gene encodes a member of the p47 immunity-related GTPase family. The encoded protein may play a role in the innate immune response by regulating autophagy formation in response to intracellular pathogens. Polymorphisms that affect the normal expression of this gene are associated with a susceptibility to Crohn's disease and tuberculosis.

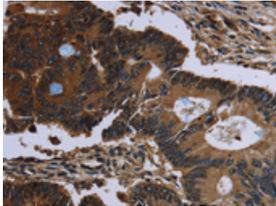
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 50-200

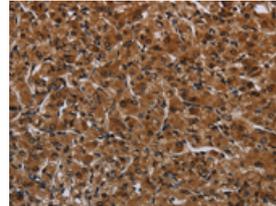


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml222555(IRGM Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human prostate cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml222555(IRGM Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size: 20 kDa

Positive control: Human hepatocellular carcinoma tissue

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 10%SDS-PAGE

Lysate: 40  $\mu$ g

Lane: Human hepatocellular carcinoma tissue

Primary antibody: ml222555(IRGM Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



#### ELISA

Recommended dilution: 1000-2000

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