

# Muscarinic AChR M2 (ACM2) Rabbit mAb

Catalog No.: A5154 **Recombinant**

## Basic Information

**Observed MW**

52kDa

**Calculated MW**

52kDa

**Category**

Primary antibody

**Applications**

WB,IHC-P,ELISA

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC1225

## Background

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine to these receptors and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 2 is involved in mediation of bradycardia and a decrease in cardiac contractility. Multiple alternatively spliced transcript variants have been described for this gene.

## Recommended Dilutions

**WB** 1:1000 - 1:6000**IHC-P** 1:200 - 1:2000**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

1129

**Swiss Prot**

P08172

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

HM2; Muscarinic AChR M2 (ACM2)

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

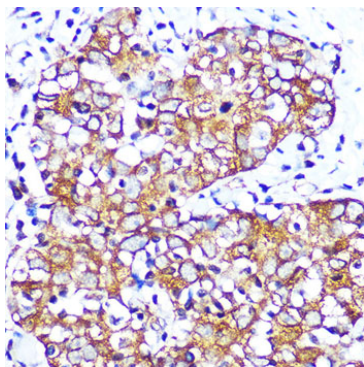
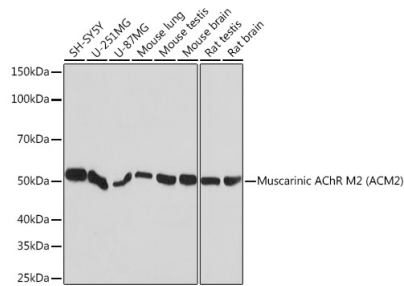
Affinity purification

**Storage**

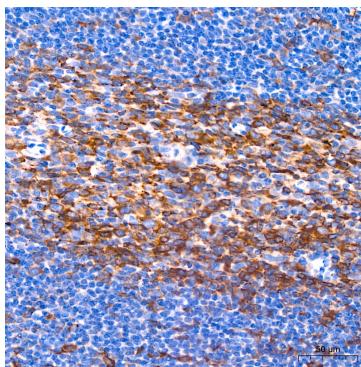
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

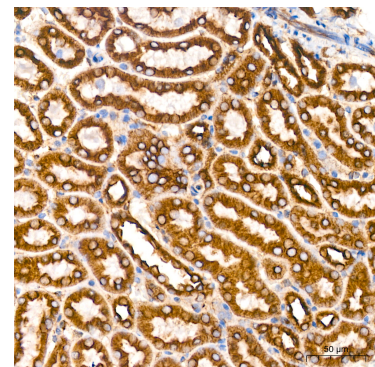
## Validation Data



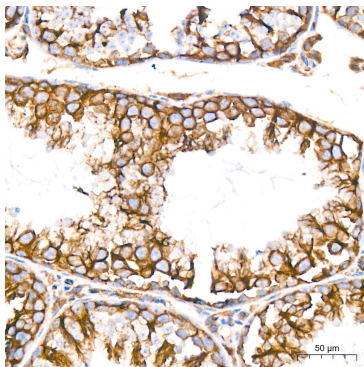
Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using Muscarinic AChR M2 (Muscarinic AChR M2 (ACM2)) Rabbit mAb (A5154) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



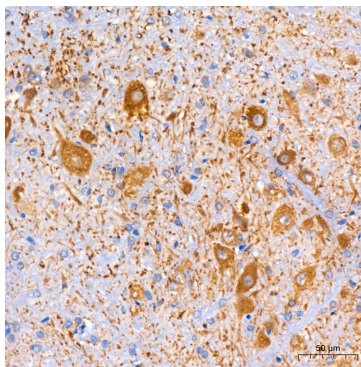
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Muscarinic AChR M2 (ACM2) Rabbit mAb (A5154) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Muscarinic AChR M2 (ACM2) Rabbit mAb (A5154) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using Muscarinic AChR M2 (ACM2) Rabbit mAb (A5154) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using Muscarinic AChR M2 (ACM2) Rabbit mAb (A5154) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.