

Recombinant

DGRmAb®

**Muscarinic Acetylcholine Receptor 2 (DGR13676) Rabbit mAb**

db13920

Package : 10µL 20µL 50µL 100µL

**Product Name** : Muscarinic Acetylcholine Receptor 2 (DGR13676) Rabbit mAb**Cat.No.:** db13920**Synonyms** : HM2**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Muscarinic Acetylcholine Receptor 2

**Gene ID**

1129

**Swiss Prot**

P08172

**Synonyms**

HM2

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

**Calculated MW**

52 kDa

**Observed MW**

52 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

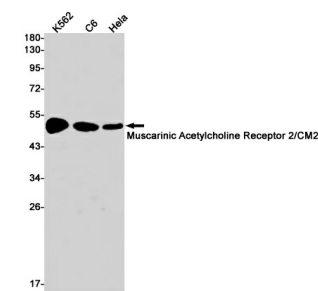
**Clonality No.**

DGR13676

**Isotype**

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Muscarinic Acetylcholine Receptor 2/CM2 in K562,C6,Hela cell lysates using Muscarinic Acetylcholine Receptor 2/CM2 antibody(1:1000 diluted).