

## METABOTROPIC GLUTAMATE RECEPTOR 2 RABBIT MAB

**Cat.#:** N262511

**Product Name:** Anti-Metabotropic Glutamate Receptor 2 Rabbit Monoclonal Antibody

**Synonyms:** GRM2; GPRC1B; MGLUR2; Metabotropic glutamate receptor 2; mGluR2; GRM3; GPRC1C; MGLUR3; Metabotropic glutamate receptor 3; mGluR3

**UNIPROT ID:** Q14416

**Background:** G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. May mediate suppression of neurotransmission or may be involved in synaptogenesis or synaptic stabilization.

**Immunogen:** A synthetic peptide of human Metabotropic Glutamate Receptor 2

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R04-2D1

**MW:** Calculated MW: 96 kDa; Observed MW: 99 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse

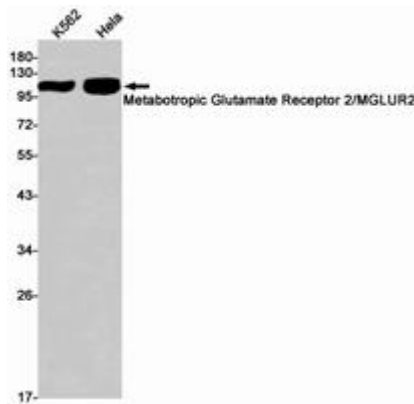
**Conjugation:** Unconjugated

**Modification:** Unmodified

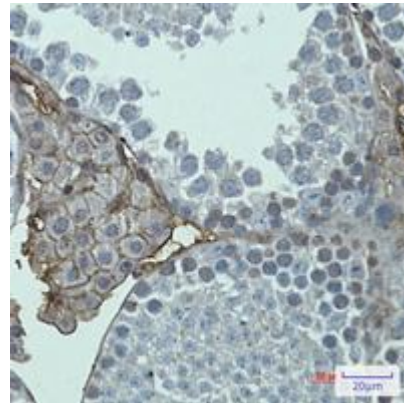
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Metabotropic Glutamate Receptor 2 in K562, HeLa lysates using Metabotropic Glutamate Receptor 2 antibody.



Immunohistochemistry analysis of paraffin-embedded mouse testis using Metabotropic Glutamate Receptor 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.