

mACHR M2 antibody [B8E5]

Cat. No. GTX54482

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-Fr, ELISA, Functional Assay
Reactivity	Human, Mouse, Rat, Guinea pig

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
ELISA	Assay dependent
Functional Assay	Assay dependent

Not tested in other applications.

Calculated MW 52 kDa. ([Note](#))

Product Note

Monoclonal antibody B8E5 acts by functional dimerization of the receptor resulting in stabilization of the constitutive active receptor dimers and paradoxically induces a small decrease in carbachol affinity for the M2 receptor. It recognizes the pentapeptide VRTVE (aa 168-172) corresponding to the N-terminal part of the second extracellular loop of the human M2 receptor.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide VRTVEDGECYIQFFSNAAVTFGTAI(C): Human second extracellular loop residues 168-192
Purification	Purified IgG2a
Conjugation	Unconjugated



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