

GABA-A receptor $\beta 1$

Cat.No. 224 701; Monoclonal mouse antibody, 100 μ g purified IgG (lyophilized)

Data Sheet

Reconstitution/ Storage	100 μ g purified IgG, lyophilized. Azide was added before lyophilization. For reconstitution add 100 μ l H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: not recommended IP: not tested yet ICC: 1 : 500 IHC: not recommended IHC-P/FFPE: not tested yet
Clone	47E9
Subtype	IgG2a (k light chain)
Immunogen	Recombinant protein corresponding to AA 342 to 430 from mouse GABA-A receptor $\beta 1$ (UniProt Id: P50571)
Epitop	Epitop: AA 342 to 430 from mouse GABA-A receptor $\beta 1$ (UniProt Id: P50571)
Reactivity	Reacts with: rat (P15431), mouse (P50571). Other species not tested yet.
Specificity	Specific for GABA-A receptor $\beta 1$.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Gamma-aminobutyric acid type **A (GABA-A)** receptors mediate the majority of inhibitory neurotransmission in the brain. These receptor proteins are ligand gated chloride ion channels and consist of a pentameric combination of different subunits (alpha, **beta**, gamma, delta, epsilon and rho). The resulting heterogenous population of GABA-A receptor subtypes are expressed throughout the brain with specific cellular and subcellular expression patterns.

Selected General References

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