Synaptic Systems

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NET

Cat.No. 260 011; Monoclonal mouse antibody, 100 µg purified IgG (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µg purified IgG, lyophilized. For reconstitution add 100 µl H_2O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	**WB**: not tested yet **IP**: not tested yet **ICC**: not tested yet **IHC**: 1 : 500 **IHC-P/FFPE**: not recommended
Clone	215A9
Subtype	IgG1
Immunogen	Synthetic peptide corresponding to AA 187 to 206 from rat NET (UniProt Id: Q63380_RAT)
Epitop	Epitop: AA 187 to 206 from rat NET (UniProt Id: Q63380_RAT)
Reactivity	Reacts with: rat (O55192), mouse (Q63380). Other species not tested yet.
Specificity	Specific for NET.

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

The **n**or**e**pinephrine (NE) **t**ransporter (NET), also referred to as Sodium-dependent noradrenaline transporter, is expressed on the plasma membranes of noradrenergic neurons. It is responsible for the inactivation of synaptically released NE and is a target for many antidepressants and psychostimulants.

Selected General References

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Cross-talk between dopaminergic and noradrenergic systems in the rat ventral tegmental area, locus ceruleus, and dorsal hippocampus.
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