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Datasheet for ABIN112519
anti-Dopamine antibody

Overview

Quantity:	0.1 mg
Target:	Dopamine (DA)
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Dopamine antibody is un-conjugated
Application:	Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide corresponding to part of the native molecule conjugated to BSA
Clone:	DA-2B11
Isotype:	IgG2b
Specificity:	No reaction with other DA analogues or metabolites.
Purification:	Protein A affinity chromatography

Target Details

Target:	Dopamine (DA)
Alternative Name:	Dopamine (DA Products)
Target Type:	Chemical
Background:	Dopamine (C ₆ H ₃ OH) ₂ -CH ₂ CH ₂ NH ₂) is a catecholamine neurotransmitter in the brain. Its

Target Details

chemical name is 4-(2-aminoethyl)benzene-1,2-diol. Dopamine is a hormone released by the hypothalamus. Its main function is to inhibit the release of prolactin from the anterior lobe of the pituitary. It can be used as a sympathomimetic drug, producing effects such as increased heart rate and blood pressure.

Application Details

Application Notes: ELISA. Immunofluorescence (glutaraldehyde is recommended as fixative).
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS, pH 7.2, containing 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: Centrifuge vial prior to opening!

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.