

Datasheet for ABIN112519 **anti-Dopamine antibody**

[Go to Product page](#)

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.