



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: Q4A263R **Lot #:** 2J29916

Description: Rabbit anti D2 Dopamine Recept.
Rabbit Antibody to Dopamine D2 Receptor (Amino Acids 272-282).

Specificity: Specific for Dopamine D2 Receptor (a.a. 272-282). Detects two bands at ~48 kDa and ~51 kDa in Western Blot.

Cross-Reactivity:

D ₂ Dopamine Receptor (272-282)	100%
D _{2S} Dopamine Receptor	~ 70%
D _{2L} Dopamine Receptor	~ 60%
D ₁ Dopamine Receptor (9-21)	0%
D ₁ Dopamine Receptor	0%
D ₃ Dopamine Receptor (2-10)	0%
D ₃ Dopamine Receptor	0%
D ₄ Dopamine Receptor (176-185)	0%
D ₄ Dopamine Receptor	0%
D ₅ Dopamine Receptor (23-35)	0%
D ₅ Dopamine Receptor	0%

Host Animal: Rabbit

Immunogen: D₂ (272-282) covalently attached to a carrier protein.

Format: Neat, Lyophilized
Reconstitute with 0.1 mL of PBS which contains 10 mg/mL BSA or with additional buffer for more dilute antisera.

Purification: Not Applicable

Concentration: Not Determined

Buffer: Not Applicable

Preservative: None

Applications: Suitable for use in Immunocytochemistry (1:5,000), Western Blot (1:800) and ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Lyophilized: Store at 2–8°C (preferably in a dessicator).
Reconstituted: Aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Signature

15 Nov 2016

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY