

Anti-Neuropeptide Y (human, rat, mouse, NPY)**Mouse monoclonal antibody**

Subclass: IgG1/k

CAT. NO.

ABS 028-08

Clone:8

SPECIFICITY	ABS 028-08 binds full length human/rat NPY. Cross-reactivity with NPY (1-24) , NPY (18-36), PYY or PP was <0.2%.
IMMUNOGEN	Synthetic human/rat neuropeptide Y
TESTED APPLICATIONS	ELISA, IHC-P, IF
SPECIES REACTIVITY (POSITIVE)	Human, rat, mouse
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	The epitope of ABS 028-08 is probably around the mid-molecular region, NPY (18-24).

PRESENTATION

Content:	Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION	ELISA: ABS 028-08 binds free NPY in solution and ABS 028-08 reacts in ELISA directly with NPY coated directly onto the microtiter well. IHC: ABS 028-08 works well in IHC on paraffin embedded tissue sections. IF: ABS 028-08 works well in IF.
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TARGET	Neuropeptide Y (NPY) is a 36 amino acid residue peptide with sequence and 3-D structural homology with PYY and pancreatic polypeptide (PP). NPY serves as a neurotransmitter and is exclusively localized in neurons in the central and peripheral nervous system. NPY is associated with the regulation of heart rate and food intake in several mammalian species.
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REFERENCES**CONDITIONS**

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