

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 400 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.

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.

REFERENCES

CONDITIONS

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