

Mouse anti-Human Brain Natriuretic Monoclonal Antibody | anti-BNP antibody

Monoclonal Antibody to Brain Natriuretic Peptide (BNP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141306	Mouse	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

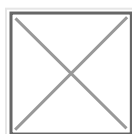
PRODUCT SYNONYMS

Brain Natriuretic; Monoclonal Antibody; Monoclonal Antibody to Brain Natriuretic Peptide (BNP); anti-BNP antibody

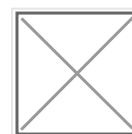
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C5
Specificity	The antibody is a mouse monoclonal antibody raised against BNP. It has been selected for its ability to recognize BNP in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-HPLGSPGS ASDLETSLQ EQRNHLQGKL SELQVEQTSLEPLQESPRPTGVWKSREVAT EGIRGHRKMYLYTLRAPRSPKLVQSGSGCFG RKMDRI
Applicable Applications for anti-BNP antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant BNP (His27~His134) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879
NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NM_002521.2
UniProt Accession #	P16860; Q6FGY0; Q9P2Q7; B0ZBE9
Molecular Weight	14,726 Da
NCBI Official Full Name	natriuretic peptides B preproprotein
NCBI Official Synonym Full Names	natriuretic peptide B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP
NCBI Protein Information	natriuretic peptides B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	NPPB
UniProt Synonym Gene Names	BNP(1-32); BNP-32

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/brain-natriuretic-antibody-clone-c5-immunohistochemistry-immunocytochemistry-western-blot-elisa/141306>