

MAA299Hu22**Monoclonal Antibody to Neuronal Pentraxin II (NPTX2)****Organism Species: Homo sapiens (Human)*****Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]**Immunogen:** NPTX2, Human**Clonality:** Monoclonal**Clone number:** B5**Host:** Mouse**Immunoglobulin Type:** IgG**Purification:** Affinity Chromatography.**Applications:** WB, ICC, IHC-P, IHC-F, ELISA**Concentration:** 500µg/mL**UOM:** 200µg**[IMMUNOGEN INFORMATION]****Immunogen:** Recombinant NPTX2 (Asp111~Gln367) expressed in *E.coli*.**Accession No.:** RPA299Hu01**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSSLVPRGSH MASMTGGQQM GRGSEF- DTMGDLPRDP GHVVEQLSRS
LQTLKDRLES LEHQLRANVS NAGLPGDFRE VLQQRLGELE RQLLRKVAEL EDEKSL LHNE
TSAHRQKTES TLNALLQRVT ELERGNSAFK SPDAFKVSLP LRTNYLYGKI KKTLPELYAF
TICLWLRSSA SPGIGTPFSY AVPGQANEIV LIEWGNNPIE LLINDKVAQL PLFVSDGKWH
HICVTWTTTRD GMWEAFQDGE KLGTGENLAP WHPIKPGGV LILGQEQD TVG GRFDATQ

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against NPTX2. It has been selected for its ability to recognize NPTX2 in immunohistochemical staining and western blotting.

[**APPLICATIONS**]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

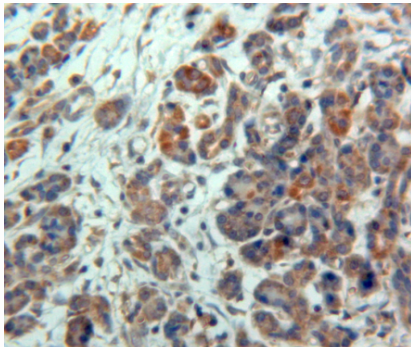
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

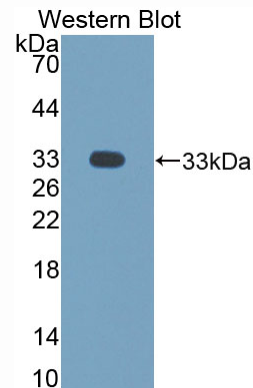
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[**IMAGES**]



Used in DAB staining on formalin fixed paraffin-embedded Pancreas tissue



Used in Western Blot, Sample: Recombinant NPTX2, Human

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[**STORAGE**]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.