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Secreted phosphoprotein 2 antibody

Catalog Number: PR-1009**Background:** Secreted phosphoprotein 2 (Spp2) encodes a 24-kD secreted phosphoprotein that shares sequence homology with members of the cystatin family of thiol protease inhibitors and is expressed in bone, as is cystatin. Thiol proteases are known to be involved in bone turnover, and Spp24 may function as an inhibitor.**Description:** Rabbit polyclonal to Secreted phosphoprotein 2**Immunogen:** KLH conjugated synthetic peptide derived from SPP2**Specificity:** Recognizes Secreted phosphoprotein 2 of Human, Mouse, Cow and Rat in Western blot and Immunohistochemical staining.**Isotype:** Rabbit IgG**Quantity:** 0.2mL**Formulation:** 1% BSA, 0.01M phosphate-buffered saline, pH 7.4, 0.05% NaN₃.**Purity:** Affinity chromatography purification by Protein A Column.**Application:**

- Western blotting: 1/200-500. Predicted Mol wt: 24 kDa;
- Immunohistochemistry in formalin fixed frozen section: 1:100-500;
- Immunohistochemistry in paraffin section: 1:100-500;
- Immunocytochemistry: 1/100-200;
- Immunoprecipitation: 1/50;
- ELISA: 1/500;
- Optimal working dilutions must be determined by the end user.

Antigen Retrieval of Tissue: The paraffin section in 10mM citrate buffer, pH 6.0, for 10~15mins is required the staining of paraffin sections.**Storage:** Store at -20 °C for one year. Lyophilized antibody is stable at room temperature for at least two month and for greater than a year when kept at -20°C to -70°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody, the antibody is stable for at least six weeks at 2-8 °C. Avoid repeated freeze/thaw cycles.**Important Note:** Gently centrifuge microtube to remove product from lid. This product as supplied is intended for in vitro laboratory use only, not for use in human, therapeutic or diagnostic applications.