

**RABBIT ANTI-HUMAN OSTEOPROTEGERIN
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB2125P
LOT NUMBER:	
QUANTITY:	50 µg
SPECIFICITY:	Reacts with human Osteoprotegerin (OPG). OPG, also known as OCIF (Osteoclastogenesis inhibitory factor), is a member of the TNF receptor superfamily.
IMMUNOGEN:	Highly pure (>98%) recombinant human OPG.
APPLICATIONS:	<p><u>Immunohistochemistry:</u> This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 0.5 µg/mL with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 Sodium Citrate buffer is recommended. Optimal concentrations and conditions may vary.</p> <p><u>ELISA:</u> A concentration of 0.5 – 2.0 µg/ml (100µL/well) of AB2125P is required to detect 0.2-0.4 ng/well of recombinant hOPG</p> <p><u>Western Blot:</u> A concentration of 0.1-0.2 µg/ml of AB2125P is required to detect 1.5-3.0 ng/lane of hOPG, under either reducing or non-reducing conditions. Optimal working dilutions must be determined by the end user</p>
FORMAT:	Immunoglobulin purified by affinity chromatography employing immobilized hOPG matrix.
PRESENTATION:	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2. Reconstitute with sterile distilled water.
STORAGE/HANDLING:	The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at –20°C. When reconstituted in sterile water to a concentration of .0.1 – 1.0 mg/ml the antibody is stable for at least six weeks at 2-4°C.

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