Anti Human Periostin/OSF-2 Monoclonal Antibody

**Preparation**

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified recombinant human Periostin. This antibody was purified by Protein G affinity.

**Formulation**

100 µg of Anti Human Periostin/OSF-2 monoclonal antibody in 100 µl of PBS; lyophilized.

**Reconstitution and Storage**

Add 100 µl PBS to the vial to prepare an antibody stock solution (100µg/100µl). Store it at 4 °C for a few days. For long term storage, stored frozen at -20 °C to -70 °C in a manual defrost freezer for 12 months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

**Specificity**

This antibody has been selected for its ability to recognize recombinant human Periostin (HEK293) in ELISA.

**Applications**

**ELISA** - This antibody can be used as capture antibody at 1 ~ 2 µg/ml to detect human Periostin recombinant (HEK293) on ELISA combines with biotinylated Periostin IgG (A00072-09-25B) as detection antibody.

**Western Blot** - This antibody can be used as primary antibody at 1 ~ 4 µg/ml to detect Periostin on the culture medium or cells lysis of HEK293 transfected with human POSTN cDNA or human stomach tissue homogenates under reduce condition.

*Optimal dilutions should be determined by each laboratory for each application.*

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.