

Periostin (ANT0023R) Rabbit mAb

CatalogNo: ANT8265 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,
- WB,IHC,IF,IP,ELISA

Reactivity

Applications

MW

- 93kD (Calculated)
 - IgG,Kappa
- 93kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0023R

Target Information

Endogenous

Gene name POSTN OSF2
Protein Name Periostin (PN) (Osteoblast-specific factor 2) (OSF-2)

Organism	Gene ID	UniProt ID
Human	10631 ;	Q15063 ;
Mouse		Q62009 ;

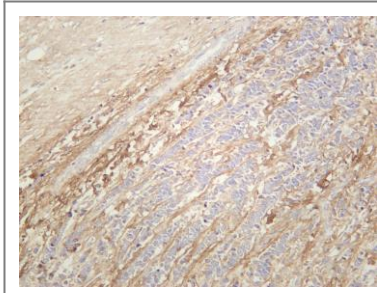
Cellular Secreted
Localization

Tissue specificity Widely expressed with highest levels in aorta, stomach, lower gastrointestinal tract, placenta, uterus, thyroid tissue and breast. Up-regulated in epithelial ovarian tumors. Not expressed in normal ovaries. Also highly expressed at the tumor periphery of lung carcinoma tissue but not within the tumor. Overexpressed in breast cancers.

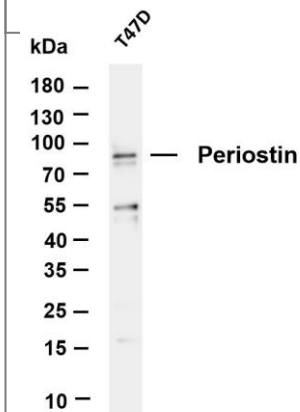
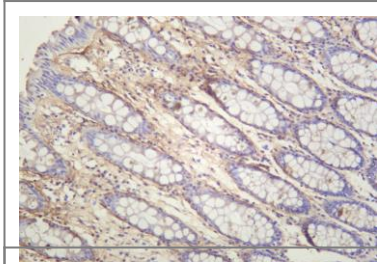
Function Function: Binds to heparin. Induces cell attachment and spreading and plays a role in cell adhesion. May play a role in extracellular matrix mineralization.,ANTM:Gammacarboxyglutamate residues are formed by vitamin K dependent carboxylation. These residues are essential for the binding of calcium.,similarity:Contains 1 EMI domain.,similarity:Contains 4 FAS1 domains.,tissue specificity:Widely expressed with highest levels in aorta, stomach, lower gastrointestinal tract, placenta, uterus and breast. Up-regulated in epithelial ovarian tumors. Not expressed in normal ovaries. Also highly expressed at the tumor periphery of lung carcinoma tissue but not within the tumor. Overexpressed in breast cancers.,

Validation Data

Human breast was stained with anti-Periostin (ANT0023R) rabbit antibody



Human colon was stained with anti-Periostin (ANT0023R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Periostin (ANT0023R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: T47D Predicted band size: 93kDa Observed band size: 93kDa

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