

## Periostin Rabbit mAb (AR1226)

### Key Features

Host Species:	Rabbit
Reactivity:	Human
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	93kD (Calculated) 93kD (Observed)

### Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:500-2000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

### Storage

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

### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

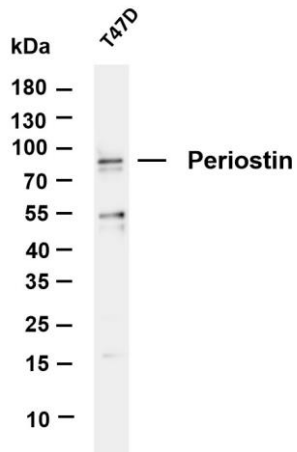
Gene name	POSTN OSF2
Protein Name	Periostin (PN) (Osteoblast-specific factor 2) (OSF-2)

Organism	Gene ID	UniProt ID
Human	10631	Q15063
Mouse		Q62009

Cellular Localization	Secreted
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.

## Validation Data

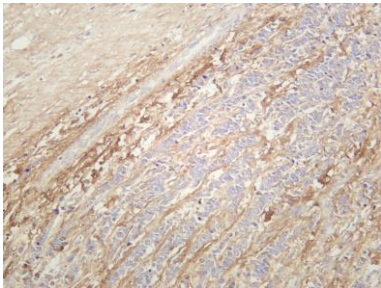


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Periostin antibody. The HRP conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

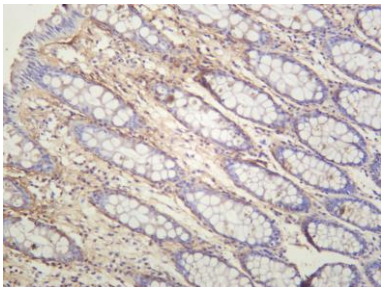
Lane 1: T47D

Predicted band size: 93kDa

Observed band size: 93kDa



Human breast was stained with anti-Periostin rabbit antibody



Human colon was stained with anti-Periostin rabbit antibody

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