

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200

Protein Background:

May have a dual function during osteoblast differentiation. In the nucleus of undifferentiated osteoblasts, unphosphorylated form acts as a transcriptional component for activation of osteoblast-specific genes like osteocalcin. During the osteoblast to osteocyte transition phase it is phosphorylated and exported into the extracellular matrix, where it regulates nucleation of hydroxyapatite.

Gene ID:

DMP1

Uniprot

Q13316

Synonyms:

Dentin matrix acid, c phosphoprotein 1 (DMP-1) (Dentin matrix protein 1), DMP1

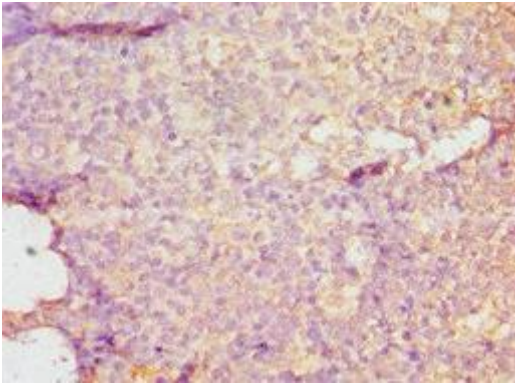
Immunogen:

Recombinant Human Dentin matrix acid, c phosphoprotein 1 protein (254-513AA).

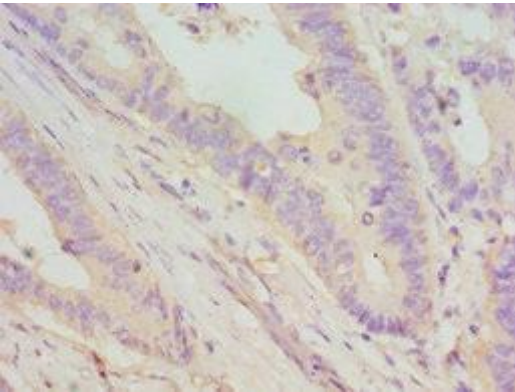
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunohistochemistry of paraffin-embedded human tonsil tissue using PACO43143 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human colon cancer using PACO43143 at dilution of 1:100.