

Recombinant DUSP5 Monoclonal Antibody

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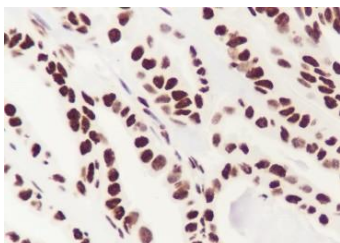
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human DUSP5 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A565
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB	1:500-1:1000
IHC	1:200-1:1000



Immunohistochemistry of paraffin-embedded Human papillary thyroid carcinoma using DUSP5 Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

DUSP5 is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli.

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