

Recombinant DUSP5 Monoclonal Antibody

catalog number: **AN301853L**

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

Description

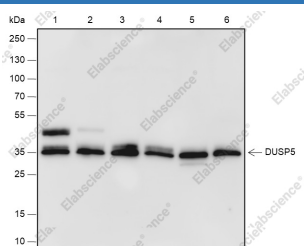
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human DUSP5 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121475
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

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

Data



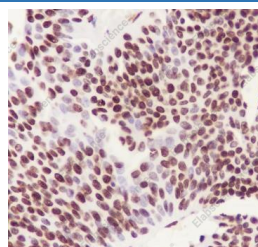
Western Blot with DUSP5 Monoclonal Antibody at dilution of 1:1000. Lane 1: MCF7, Lane 2: HCT-116, Lane 3: Raji, Lane 4: K562, Lane 5: C2C12, Lane 6: PC12

Observed-MW:42 kDa

Calculated-MW:42 kDa



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



Immunohistochemistry of paraffin-embedded Human bladder cancer 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

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.3

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.