Recombinant EHMT1 Monoclonal Antibody

catalog number: **AN301697L**

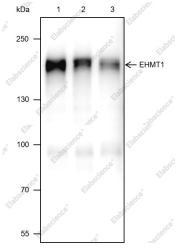
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human EHMT1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C331320
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:2000

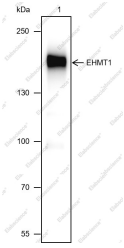
Data



Western Blot with EHMT1 Monoclonal Antibody at dilution of 1:1000. Lane 1: MCF7, Lane 2: T-47D, Lane 3: SK-BR-3

Observed-MW:180 kDa

Calculated-MW:141 kDa



Western Blot with EHMT1 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa

Observed-MW:180 kDa

Calculated-MW:141 kDa

Preparation & Storage

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

Background

Histone methyltransferase that specifically mono- and dimethylates 'Lys-9' of histone H3 (H3K9me1 and H3K9me2, respectively) in euchromatin. H3K9me represents a specific tag for epigenetic transcriptional repression by recruiting HP1 proteins to methylated histones. Also weakly methylates 'Lys-27' of histone H3 (H3K27me).

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