

elf4A1 Mouse mAb (AM10024)

Key Features

Host Species:	Mouse
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF
MW:	48kD (Observed)

Recommended Dilution Ratios

WB:	1:1000-3000
IHC:	1:50-300
IF:	1:100-200

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	The antibody detects endogenous elf4A1 protein.
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Target Information

Gene name	EIF4A1
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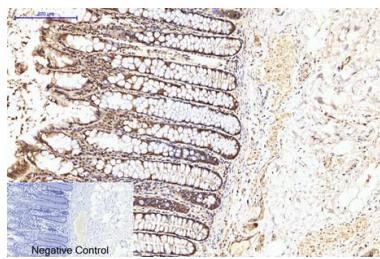
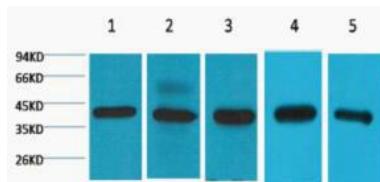
Protein Name	Eukaryotic initiation factor 4A-I
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Organism	Gene ID	UniProt ID
Human	1973	P60842
Mouse	13681	P60843

Cellular Localization	nucleus, cytoplasm, cytosol, membrane, eukaryotic initiation factor 4F complex, extracellular exosome	translation matrix, extracellular
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Tissue specificity	Bone marrow, Lung, Spleen
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Validation Data



Western blot analysis of 1) 293T, 2) HeLa, 3) HepG2, 4) Mouse Brain tissue

Immunohistochemical analysis of paraffin-embedded Human-colon-cancer tissue.

1, eIF4A1 Monoclonal Antibody was diluted at 1:200(4°C, overnight).

2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min).

3, Secondary antibody was diluted at 1:200(room tempeRature, 30min).

Negative control was used by secondary antibody only.

Immunohistochemical analysis of paraffin-embedded Rat-lung tissue.

1, eIF4A1 Monoclonal Antibody was diluted at 1:200(4°C, overnight).

2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min).

3, Secondary antibody was diluted at 1:200(room tempeRature, 30min).

Negative control was used by secondary antibody only.

Immunohistochemical analysis of paraffin-embedded Mouse-colon tissue.

1, eIF4A1 Monoclonal Antibody was diluted at 1:200(4°C, overnight).

2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min).

3, Secondary antibody was diluted at 1:200(room tempeRature, 30min).

Negative control was used by secondary antibody only.

Immunofluorescence analysis of Mouse-spleen tissue.

1, eIF4A1 Monoclonal Antibody (red) was diluted at 1:200(4°C, overnight).

2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).

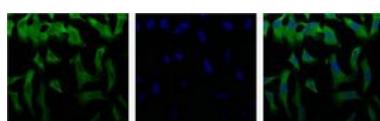
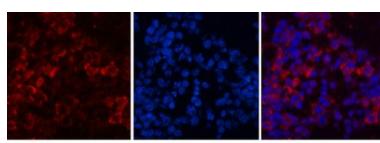
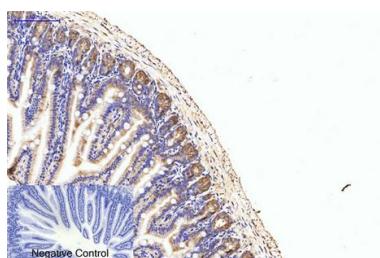
3, Picture B: DAPI(blue) 10min.

Picture A:Target.

Picture B: DAPI.

Picture C: merge of A+B

IF analysis of HeLa with antibody (Left) and DAPI (Right) diluted at 1:100.



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