



11 Park Drive, Suite 12
Boston, MA 02215

Mouse Monoclonal anti human ERK1

ORDERING INFORMATION

Catalog No:	hAP-0725
Size:	100µg
Storage:	<-20°C
Immunogen:	human ERK1 (aa1-aa28)
Ig Type:	Mouse IgG2
Clone:	MM0725-27A24
Applications:	WB and IHC

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with human ERK1 (aa1-aa28)).

Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 500µl sterile PBS and the final concentration is 200µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes human ERK1 in direct ELISAs and Western blots. In Western blots, no cross reactivity with human ERK2 is observed.

Applications:

1.	IHC	Yes	1:50-200
2.	WB	Yes	1:1000-2000

Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only.

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