Erk1/2 polyclonal antibody

The Extracellular regulated kinases, Erk-1 and Erk-2, both play a critical role in cellular proliferation. These extracellular kinases, are known to reside downstream of the Mitogen activated protein kinase/Extracellular protein kinases referred to as MEK. Both MEK-1 and MEK-2 phosphorylate and activate Erk on the conserved TEY motif within the activation loop of the kinase.

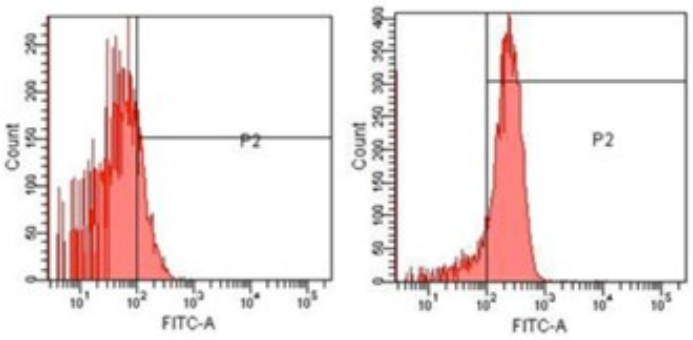
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Citations: 14 View Online »

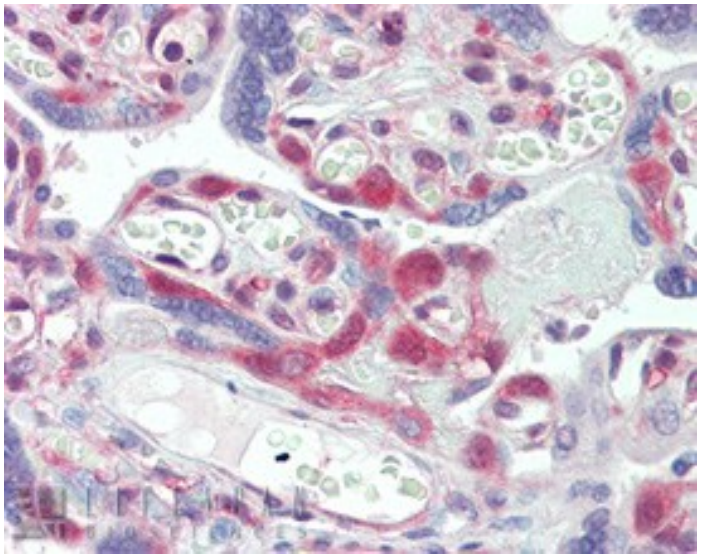
Ordering Information Order Online »

ADI-KAP-MA001-D	50µg
ADI-KAP-MA001-F	200µg

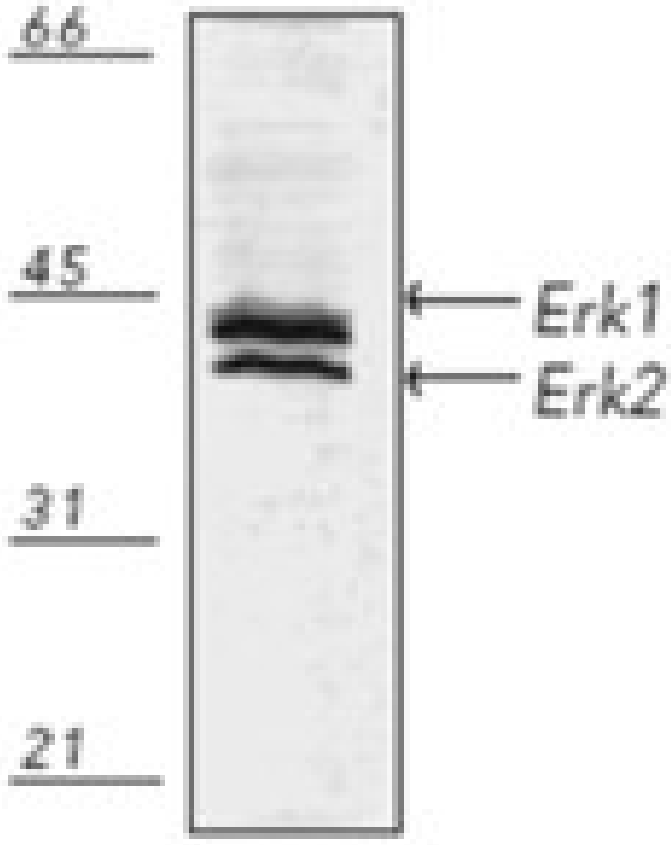
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Flow cytometry analysis of U251 cells using Erk1/2 pAb (right) and control rabbit IgG (left).



Immunohistochemistry analysis: Human placenta tissue stained with Erk1/2, pAb at 10µg/ml.



Western blot analysis of human A431 fibroblast cell lysate, probed with Erk1/2 pAb.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	MAPK2/3, MAP kinase 2/3
Application	Flow Cytometry, IHC (PS), IP, WB
Application Notes	Detects a bands of ~42kDa (Erk2) and ~44kDa (Erk1) by Western blot.
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
GenBank ID	M61177
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of rat Erk1. The sequence is completely conserved in hamster.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Flow Cytometry (10µg/ml)Immunohistochemistry (paraffin sections, 1:50)Western Blot (1:1,000, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Chicken, Drosophila, Human, Mouse, Rat, Sheep, Xenopus
UniProt ID	P21708

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