

Datasheet for ABIN351562 **anti-ERK1/2 antibody**



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Overview

Quantity:	200 µL
Target:	ERK1/2 (MAPK1/3)
Reactivity:	Human, Mouse, Rat, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERK1/2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide (KLH coupled) derived from the sequence of rat p42 MAP kinase. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Detects endogenous levels of total p44/42 MAP kinase (Erk1/Erk2) protein. In some cell types, recognizes p42 MAPK more readily than p44 MAPK. Does not recognize JNK/SAPK nor p38 MAP kinase. Species cross-reactivity: Human, mouse, rat, hamster, zebrafish.
Purification:	Immunoaffinity purified

Target Details

Target:	ERK1/2 (MAPK1/3)
Alternative Name:	ERK1 + ERK2 (MAPK1/3 Products)
Background:	Name/Gene ID: ERK1/ERK2 Synonyms: ERK1/ERK2 This antibody detects: ERK1 + ERK2

Application Details

Application Notes:	Approved: ELISA, Flo (1:25), ICC, IF, IHC, IHC-P, IP (1:50), WB (1:1000) Usage: Suitable for use in Immunofluorescence, Immunocytochemistry, ELISA, Western Blot, Immunoprecipitation, Immunohistochemistry and Flow Cytometry. Western Blot: 1:1000, Incubate membrane with diluted antibody in 5 % BSA, 1X TBS, 0.1 % Tween-20 at 4°C with gentle shaking, overnight. Immunohistochemistry (Paraffin sections): 1:100. Immunoprecipitation: 1:50. Immunocytochemistry (IF): 1:25. Flow Cytometry: 1:25.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	10 mM HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA, 50 % glycerol. No preservative added.
Preservative:	Without preservative
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.