

## Product Datasheet

### ERK2 Internal Antibody FITC (orb420252)

<b>Description</b>	ERK1/2 antibody (FITC)
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	FITC
<b>Tested Applications</b>	ELISA, WB
<b>Immunogen</b>	Anti-ERK2 Monoclonal Antibody was produced in mice by repeated immunizations with synthetic peptide corresponding to amino acid residues near an internal region of ERK2 conjugated to KLH.
<b>Preservatives</b>	0.01% (w/v) Sodium Azide
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	1mg/mL
<b>Storage</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Note</b>	For research use only
<b>Application notes</b>	Anti-ERK 2 (MOUSE) FITC conjugated antibody is suitable for use in ELISA and Western Blotting. Specific conditions of reactivity should be optimized by the end user. Expect a band of approximately 41 kDa.
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	3H9.A1.A8

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<b>Antibody Type</b>	Primary Antibody
<b>Purity</b>	This Fluorescein conjugated protein A purified mouse monoclonal antibody reacts specifically with human ERK2. Anti-ERK2 is purified from tissue culture supernatant by protein A purification. Cross reactivity is expected to occur with human, mouse, and rat based on sequence identity of the peptide immunogen. This antibody does not react with the ERK1 isoform.
<b>Uniprot ID</b>	<b>P28482</b>
<b>Dilution Range</b>	ELISA: 1:40,000, WB: 1µg/mL
<b>Expiration Date</b>	12 months from date of receipt.

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