

## Product Datasheet

# ERK1/2 (phospho-Y204) polyclonal antibody (orb642446)

<b>Catalog Number</b>	orb642446
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to ERK1/2 (phospho-Y204)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH 7.2
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH 7.2
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
<b>Immunogen</b>	Synthetic phosphopeptide derived from human ERK1/2 around the phosphorylation site of Tyrosine 204.
<b>UniProt ID</b>	<b>P27361, P28482</b>
<b>MW</b>	~ 42,44 kDa
<b>Tested applications</b>	IF, IHC, WB

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<b>Dilution range</b>	WB: 1:500-1:1000, IHC-P: 1:50-1:200, IF: 1:50-1:200
<b>Specificity</b>	p-ERK1/2 (Y204) polyclonal antibody detects endogenous levels of ERK1 protein when phosphorylated at Tyr204, and ERK2 protein when phosphorylated at Tyr187.
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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