

Anti-Raf1 Rabbit pAb



WLH3978

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Raf1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Immunohistochemistry	1:100-1:400
	Immunofluorescence	1:100-1:400

**Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background	Raf1 is a MAP kinase kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. Activation of Raf1 is the best understood and involves phosphorylation at multiple activating sites including Ser338, Tyr341, Thr491, Ser494, Ser497, and Ser499. The hyperphosphorylation of these six sites is dependent on downstream MEK signaling and renders Raf1 unresponsive to subsequent activation events. Raf1 is broadly expressed in nearly all cell lines tested to date and is the cellular homolog of v-Raf. The unregulated kinase activity of the v-Raf protein has been associated with transformation and mitogenesis while the activity of Raf-1 is normally suppressed by a regulatory N-terminal domain.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Raf1.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

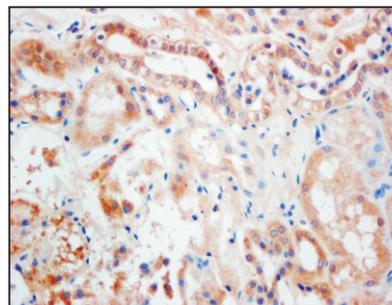
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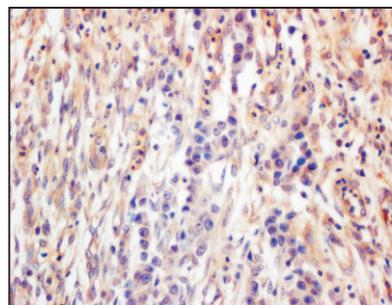
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Product Images



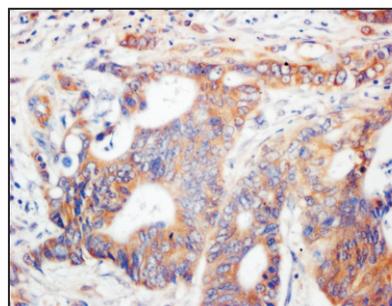
Immunohistochemistry-Anti-Raf1 pAb

Sample: Human kidney cancer tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:300, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-Raf1 pAb

Sample: Human colon cancer tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:150, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-Raf1 pAb

Sample: Human colon cancer tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:150, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB

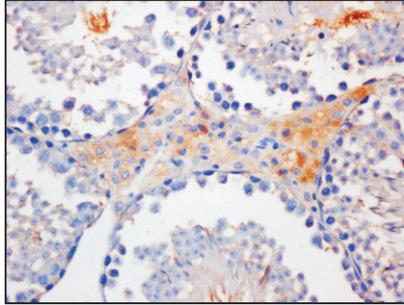
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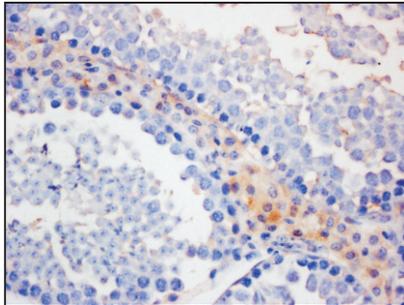
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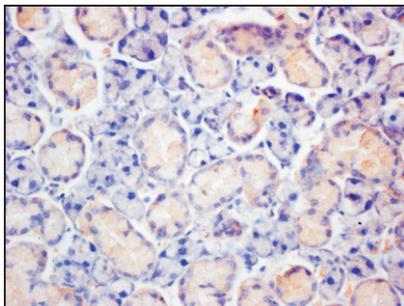
Immunohistochemistry-Anti-Raf1 pAb

Sample: Mouse testis tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:300, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-Raf1 pAb

Sample: Mouse testis tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:150, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-Raf1 pAb

Sample: Rat submandibular gland tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:150, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB

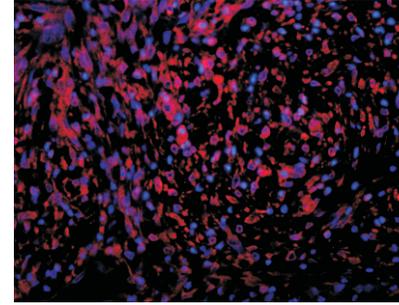
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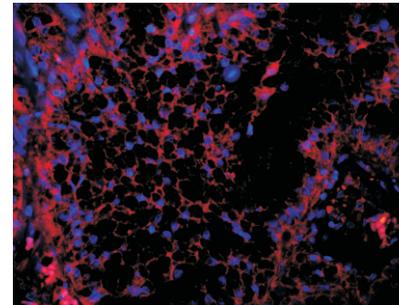
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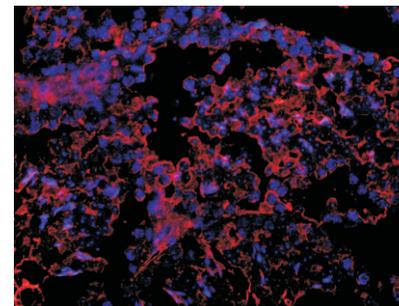
Immunofluorescence-Anti-Raf1 pAb

Sample: Human colon cancer tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h



Immunofluorescence-Anti-Raf1 pAb

Sample: Human thyroid cancer tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h



Immunofluorescence-Anti-Raf1 pAb

Sample: Mouse testis tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h

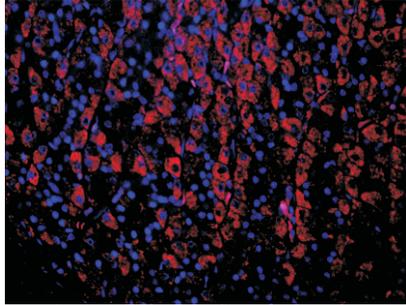
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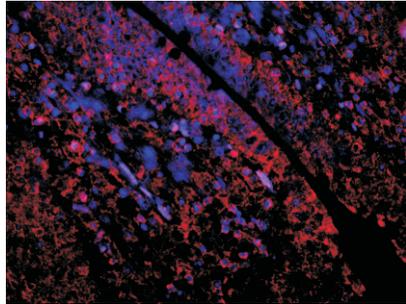
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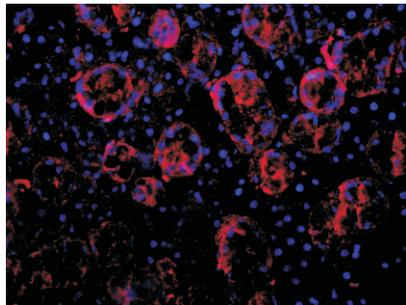
Immunofluorescence-Anti-Raf1 pAb

Sample: Rat stomach tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h



Immunofluorescence-Anti-Raf1 pAb

Sample: Rat intestine tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h



Immunofluorescence-Anti-Raf1 pAb

Sample: Rat submandibular gland tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h

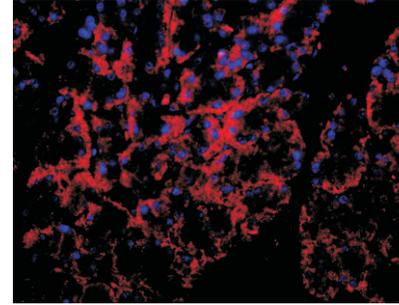
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Immunofluorescence-Anti-Raf1 pAb

Sample: Rat pancreas tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h