

BRAF Antibody

Cat. No.:	HY-P80572
Synonyms:	BRAF Antibody is a non-conjugated and Mouse originated monoclonal antibody about 84 kDa, targeting to BRAF (4E1). It can be used for WB assays with tag free, in the background of Human, Mouse.
Host:	Mouse
Reactivity:	Human, Mouse, Rat
Conjugation:	Non-conjugated
SwissProt ID:	P26367
Research Field:	Cell Biology
Molecular Weight:	Predicted band size: 84 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1000
	IHC	1:50-1:100
	IF	1:50-1:200
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>BRAF (4E1): This gene encodes a protein belonging to the RAF family of serine/threonine protein kinases. This protein plays a role in regulating the MAP kinase/ERK signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene, most commonly the V600E mutation, are the most frequently identified cancer-causing mutations in melanoma, and have been identified in various other cancers as well, including non-Hodgkin lymphoma, colorectal cancer, thyroid carcinoma, non-small cell lung carcinoma, hairy cell leukemia and adenocarcinoma of lung. Mutations in this gene are also associated with cardiofaciocutaneous, Noonan, and Costello syndromes, which exhibit overlapping phenotypes. A pseudogene of this gene has been identified on the X chromosome. [provided by RefSeq, Aug 2017]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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