



Anti-BRAF monoclonal antibody, clone 4D4 (CABT-ZC1085)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Monoclonal Antibody to Human BRAF molecule
Antigen Description	BRAF is the main effectors recruited by GTP-bound Ras to activate the MEK-MAP kinase pathway. BRAF contains three consensus Akt phosphorylation sites. BRAF is a key regulatory molecule of the mitogen-activated protein kinase kinase, it has a long amino-terminal region the region is essential for homo-dimerization of BRAF and hetero-dimerization of BRAF and CRAF at the plasma membrane.
Target	BRAF
Immunogen	Protein expressed in 293T cell transfected with human BRAF expression vector.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4D4
Conjugate	Unconjugated
Applications	ELISA, LMNX
Buffer	Stored in PBS (pH 7.4) containing 0.05% sodium azide and up to 5% trehalose.
Preservative	0.05% Sodium Azide
Storage	Shipped at 4 °C. Upon delivery store at -20 °C. Dilute in PBS (pH 7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

GENE INFORMATION

Entrez Gene ID [673](#)

UniProt ID [P15056](#)
