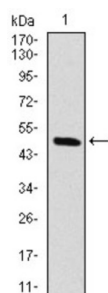
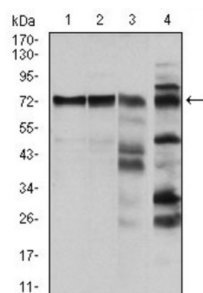


Raf Proto-Oncogene Serine/Threonine Protein Kinase (RAF1) Antibody

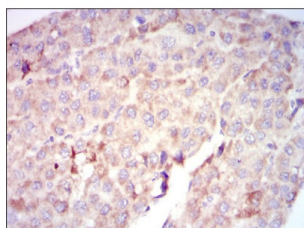
Catalogue No.: abx011435



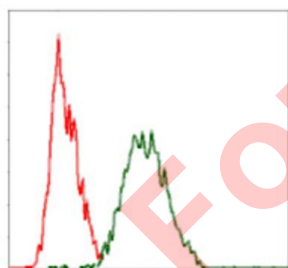
Western blot analysis using RAF1 antibody against human RAF1 (AA: 198-407) recombinant protein. (Expected MW is 73 kDa).



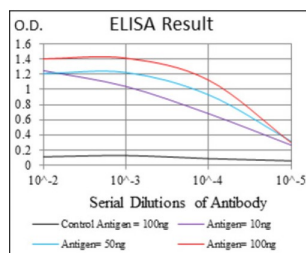
Western blot analysis using RAF1 antibody against HeLa (1), A431 (2), Cos7 (3) and C6 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using RAF1 antibody with DAB staining.



Flow cytometric analysis of HeLa cells using RAF1 antibody (green) and negative control (red).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Datasheet

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Raf-1 is a MAP kinase kinase kinase (MAP3K) which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. Once activated Raf-1 can phosphorylate to activate the dual specificity protein kinases MEK1 and MEK2 which in turn phosphorylate to activate the serine/threonine specific protein kinases ERK1 and ERK2. Activated ERKs are pleiotropic effectors of cell physiology and play an important role in the control of gene expression involved in the cell division cycle, apoptosis, cell differentiation and cell migration.

Target:	Raf Proto-Oncogene Serine/Threonine Protein Kinase (RAF1)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human RAF1 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P04049 (UniProt , ExPASy)
Gene Symbol:	RAF1
GeneID:	5894
OMIM:	164760
HGNC:	9829
KEGG:	hsa:5894
Ensembl:	ENSG00000132155

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String: [9606.ENSF00000251849](#)

Enzyme Commission Number: EC 2.7.11.1

Molecular Weight: 72 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only