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Mouse Anti-Human Raf-1 Monoclonal Antibody Datasheet

Product Name: mAb anti-human Raf-1	Clone No.: 863
Catalogue No.: MO-M40091J	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human Raf-1	Background: Raf-1 is a serine/threonine protein kinase in the mitogen-activated protein kinase (MAPK) pathway. When extracellular signal binds to the G-protein coupled membrane receptor, Ras binds to GTP and phosphorylates Raf. The activated Raf phosphorylates MAPK kinase, which consecutively, activates MAPK. MAPK triggers the transcription of a wide spectrum of genes involved with cell growth and differentiation by activating transcription factors such as C-myc and CREB. MAPK also regulates translation by phosphorylating RSK, a ribosomal protein 6S kinase.
Purification: Protein G affinity purified	Gene for Raf-1 is located on chromosome 3. The mutations on Raf-1 may relate to some rare but severe diseases such as Noonan syndrome and Leopard syndrome.
Product Type: Primary antibody	Applications: Western Blot: The antibody, when used at 1µg/mL, will allow visualization of 0.2µg/lane of recombinant human Raf-1 (75 kDa).
Target Protein: Human Raf-1	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Immunogen: Purified recombinant Raf-1 (mw:75kDa)	
Fusion Myeloma: Sp2/0-Ag14	
Specificity: Reactive to Raf-1 N-terminal (1-240 a. a.)	
Species Reactivity: Human, others not tested	
Host / Isotype: Mouse, IgG1 Kappa	
Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2	
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.	
Storage: Store at -20°C	
Research Area: Cell differentiation, oncology	

This product is for LABORATORY RESEARCH USE and further manufacture ONLY, and cannot be administered to human and animals for use in diagnostic and therapeutic procedures.

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