

B-Raf Monoclonal Antibody (1H12F1, 1H12G10,1F12F11C9)

Product Details

Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1H12F1, 1H12G10,1F12F11C9
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of BRAF expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10987001

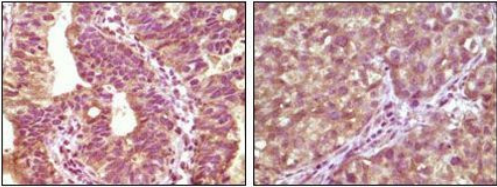
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100	-
ELISA (ELISA)	1:10,000	-

Product Specific Information

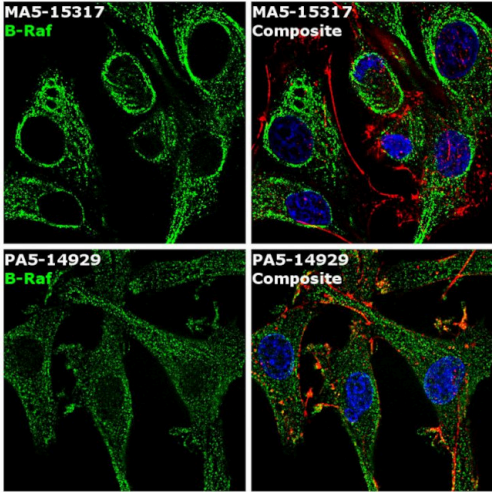
MA5-15317 targets BRAF in indirect ELISA, IHC and WB applications and shows reactivity with Human samples.

The MA5-15317 immunogen is purified recombinant fragment of BRAF expressed in E. Coli.

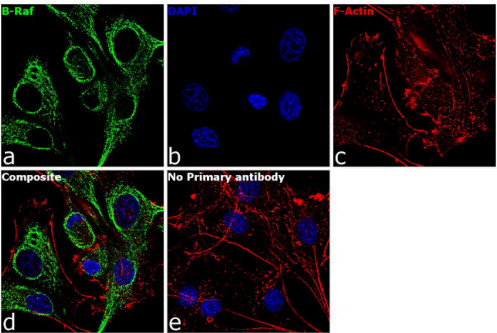
Product Images For B-Raf Monoclonal Antibody (1H12F1, 1H12G10,1F12F11C9)



B-Raf Antibody (MA5-15317) in IHC (P)
Immunohistochemical analysis of paraffin-embedded human bladder carcinoma tissue (left) and lung carcinoma tissue (right) showing cytoplasmic localization using BRAF monoclonal antibody (Product # MA5-15317) followed with DAB staining.



B-Raf Antibody (MA5-15317)
Antibody specificity was demonstrated by showing that antibodies raised against the same target protein perform similarly. Immunofluorescence analysis of B-Raf using B-Raf Monoclonal Antibody (Product # MA5-15317) along with another B-Raf Polyclonal Antibody (Product # PA5-14929) shows similar expression of B-Raf. {IAV}



B-Raf Antibody (MA5-15317) in ICC/IF
Immunofluorescence analysis of B-Raf was performed using 70% confluent log phase U-87 MG cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with B-Raf Mouse Monoclonal Antibody (Product # MA5-15317) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

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