For Research Use Only

BRAF Recombinant monoclonal antibody

Catalog Number:88514-3-RR

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
88514-3-RR

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG42145

GenBank Accession Number:
BC101757

GeneID (NCBI):
673

UNIPROT ID:
P15056

Full Name:
v-raf murine sarcoma viral oncogene homolog B1

Calculated MW:
766 aa, 84 kDa

Observed MW:
84-90 kDa

Purification Method:
Protein A purification

CloneNo.:
260358B12

Recommended Dilutions:
WB: 1:5000-1:50000
IHC: 1:250-1:1000
IF/ICC: 1:50-1:500

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells, K-562 cells, HT-29 cells, SK-MEL-28 cells, NIH/3T3 cells, A20 cells

IHC : human large intestine tissue,

IF/ICC : K-562 cells,

Storage

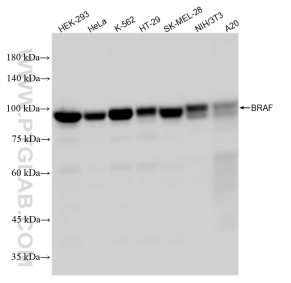
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

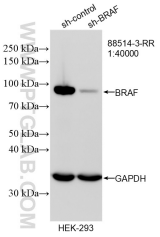
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

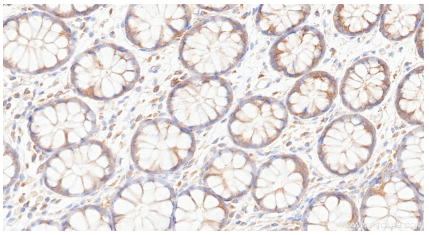
Selected Validation Data



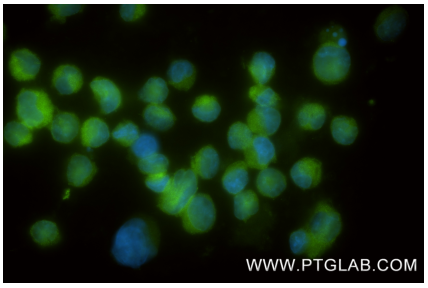
Various lysates were subjected to SDS PAGE followed by western blot with 88514-3-RR (BRAF antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



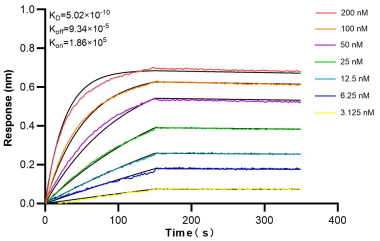
WB result of BRAF antibody (88514-3-RR; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-BRAF transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human large intestine tissue slide using 88514-3-RR (BRAF antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using BRAF antibody (88514-3-RR, Clone: 260358B12) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 88514-3-RR against Human BRAF were performed. The affinity constant is 0.502 nM.