BRAF(V600K)

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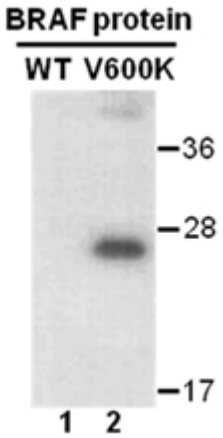
Cat. #: 26110
Size: 100 µL
Gene Symbol: BRAF, BRAF1, RAFB1
Description: Anti-BRaf(V600K) Mouse Monoclonal Antibody
Background: B-Raf is a member of the Raf family of Ser/Thr protein kinases. It functions downstream of Ras to regulate the MAP kinase signaling pathway. Mutations in the BRAF gene cause diseases. Inherited mutations in BRAF cause cardiofaciocutaneous syndrome. Acquired mutations in BRAF have been found in cancers.
Immunogen: A synthetic peptide from the internal region of Braf (V600K), human origin.
Applications: ELISA, WB, IF, IHC
Recommended Dilutions:
ELISA 1:1000-1:5000
WB 1:500-1:2000
IHC 1:100-1:200
Concentration: 1 mg/ml
Host Species: Mouse
Format: Liquid
Clonality: Monoclonal
Isotype: IgG
Purity: Purified from ascites
Preservative: No
Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol
Species Reactivity: Recognizes B-Raf V600K, but not wild type B-Raf proteins from vertebrates.
Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

Western blot:



WB: Anti-B-Raf (V600K) mAb

Western blot analysis of recombinant B-raf proteins. Purified His-tagged BRaf(V600K) protein (amino acids 513-693, lane 2) and corresponding wild type protein (lane 1) were blotted with Anti-BRaf(V600K) monoclonal antibody (Cat. # 26110).

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