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10-9596: Recombinant Rabbit Monoclonal Antibody to BRAF (V600E) Mutant (Clone: RM8)(Discontinued)

Clonality: Monoclonal

Clone Name: RM8

Application: ICC,IHC,WB
Reactivity: Human
Gene: BRAF
Gene ID: 673
Uniprot ID: P15056
Format: Purified

Alternative Name: BRAF, BRAF1, RAFB1

Isotype: Rabbit IgG

Immunogen Information: A peptide corresponding to BRAF V600E mutant

Product Info

Amount : $50 \mu g / 100 \mu g$

Purification: Protein A affinity purified from an animal origin-free culture supernatant **Content:** 1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide

Storage condition : Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

IHC, ICC: 2 \tilde{A} = $10 \mu g/ml$; ELISA: 0.5 \tilde{A} = $2 \mu g/ml$; WB: 0.5 \tilde{A} = $2 \mu g/ml$.

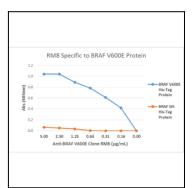


Figure 1: Sandwich ELISA performed on the lysates of 293T cells overexpressing BRAF V600E or BRAF wild type His-tag proteins, shows the specificity of Clone: RM8 to the V600E mutation. His-tag fusion proteins were captured by an Anti-His-Tag antibody.

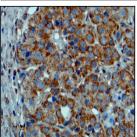


Figure 2: Immunohistochemical staining of formalin fixed and paraffin embedded melanoma tissue sections.



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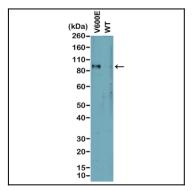


Figure 3: Western Blot analysis of cell lysates prepared from cell lines expressing endogenous mutant (V600E) BRAF or wild type (WT) protein.

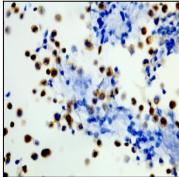


Figure 4:Immunohistochemical staining of formalin fixed and paraffin embedded human cell line sections. WiDr Cells (400X, Positive)

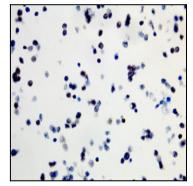


Figure 5: Immunohistochemical staining of formalin fixed and paraffin embedded human cell line sections. SW40 Cells (400X, Negative)