



BRAF Mouse Monoclonal Antibody

E10-20323

Background: Cytokeratin 5, also known as CK5, KRT5. It is a member of the keratin gene family. Biochemically, most members of the CK family fall into one of two classes, type I (acidic polypeptides) and type II (basic polypeptides). The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. At least one member of the acidic family and one member of the basic family is expressed in all epithelial cells. Cytokeratin 5 is expressed in normal basal cells. Mutations of the Cytokeratin5 gene (KRT5) have been shown to result in the autosomal dominant disorder epidermolysis bullosa (EB). Defects in KRT5 are a cause of epidermolysis bullosa simplex.

Catalog Number: E10-20323

Amount: 100 μ g/100 μ l

Clone Number: 1H12

Species: Mouse IgG1

MW: 87kDa

Aliases: BRAF1; RAFB1; B-RAF1; FLJ95109

Entrez Gene: 673

Immunogen: Purified recombinant fragment of human BRAF expressed in E. Coli.

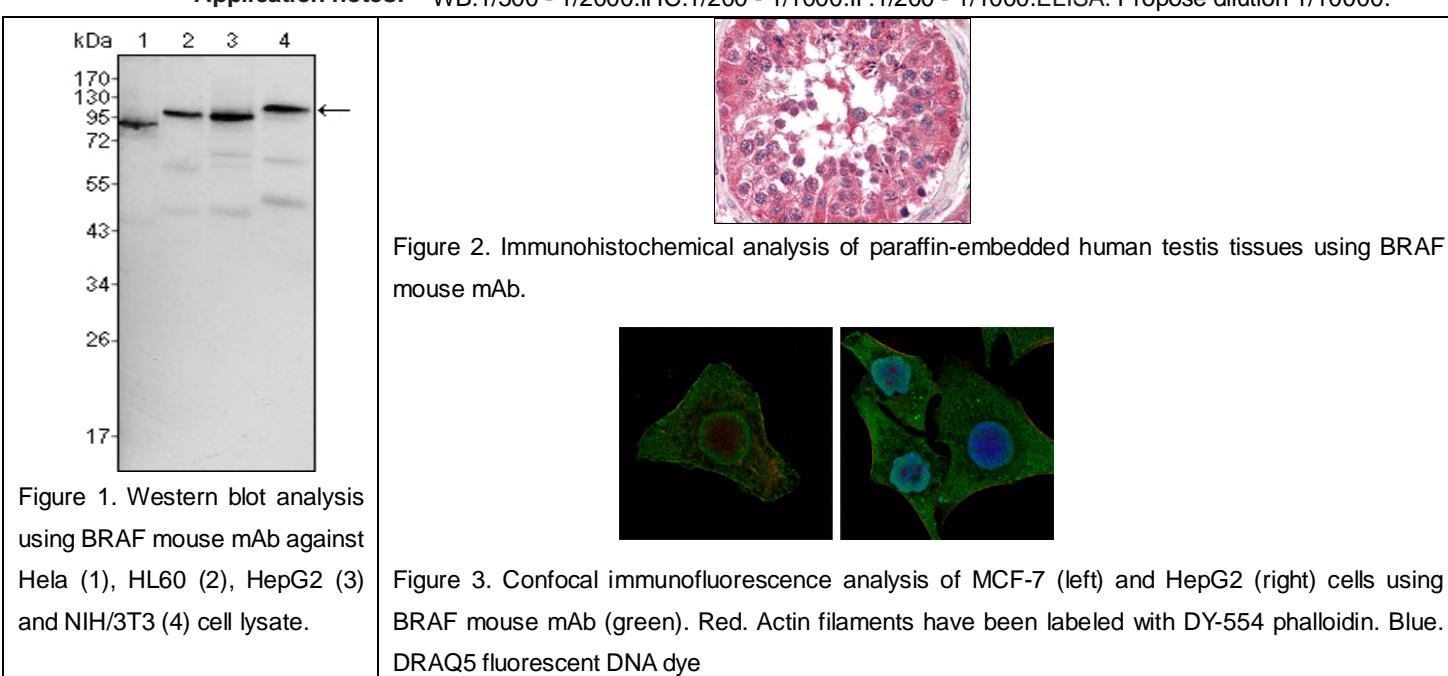
Storage: Store at 4 **Conjugated:** Store at -20 $^{\circ}$ C

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human, Mouse

Tested Applications: WB, IHC, IF, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000.IHC.1/200 - 1/1000. IF.1/200 - 1/1000. ELISA. Propose dilution 1/10000.



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