

Purified anti-Phospho-B-Raf (Thr598/Ser601)

Catalog # / Size: 632701 / 25 μ l
632702 / 100 μ l

Clone: Poly6327

Isotype: Rabbit IgG

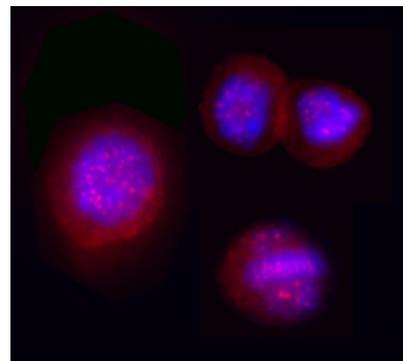
Immunogen: Modified peptide

Reactivity: Human

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20° C.

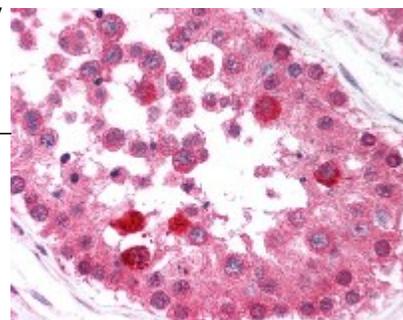


Overnight nocodazole treated HeLa cells stained with purified rabbit polyclonal antibody against Thr598/Ser601 phosphorylated B-Raf, followed by Rhodamine Red-X conjugated goat anti-rabbit IgG and DAPI.

Applications:

Applications: IF - Quality tested IHC - Validated

Recommended Usage: Each lot of this antibody is quality control tested by Immunofluorescence staining. For immunofluorescence microscopy, suggested working dilution(s): Use a dilution range of 1:100~1:400. For IHC, use a 1:100 dilution of antibody for staining. Antigen retrieval for IHC of formalin-fixed paraffin-embedded tissue using 0.01 M sodium citrate buffer is recommended. It is recommended that the reagent be titrated for optimal performance for each application.



Formalin-fixed paraffin-embedded human testis tissue was stained with Poly6327 and developed with an alkaline phosphatase chromogen substrate (red color). Tissue was counterstained with H&E (blue/pink). Magnification, 40X.

Description: The Raf proteins are a family of serine/threonine-specific kinases that serve as a central intermediate in transmitting extracellular signals to the mitogen-activated protein kinase cascade, which controls cell growth, differentiation and survival. Three isoforms of Raf proteins have been found in mammalian cells: Raf-1, A-Raf and B-Raf. The B-raf involved in signal transduction from the membrane to the nucleus. It has been reported that T598 and S601 are the major phosphorylation sites of B-Raf in response to oncogenic Ras, and phosphorylation of these two residues is required for full activation of B-Raf. Mutations in the B-Raf gene have been reported in a number of human cancers, including malignant melanoma, thyroid cancer, and colorectal carcinoma. The poly6327 antibody recognizes human phosphorylated B-Raf (Thr598/Ser601) and has been shown to be useful for immunofluorescence staining.

Antigen References:

1. Avruch J, et al. 1994. *Trends Biochem Sci.* 19:279.
2. Brose MS, et al. 2002. *Cancer Res.* 62:6997.
3. Zhang B-H, et al. 2000. *EMBO* 19:5429.



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