



Bloom Syndrome Protein (Phospho-Thr99) Antibody

E11-0778A

Catalog Number: E11-0778A

Concentration: 1mg/ml

Swiss-Prot No.: P54132

Other Names: Bloom's syndrome protein, DNA helicase, RecQ-like, type 2, EC 3.6.1.-, RECQL2, RECQL3, RecQ protein-like 3

All Sites: Human: Thr99

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Bloom Syndrome Protein around the phosphorylation site of threonine 99 (Q-E-T^P-Q-R).

Purification: The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

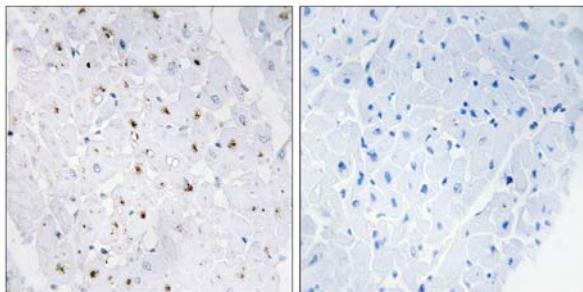
Specificity: Bloom Syndrome Protein (Phospho-Thr99) antibody detects endogenous levels of Bloom Syndrome Protein only when phosphorylated at threonine 99.

Reactivity: Human

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:40000

References:

Ellis N.A., Cell 83:655-666(1995).
Karow J.K., J. Biol. Chem. 272:30611-30614(1997).
Pichierri P., EMBO J. 23:3154-3163(2004).

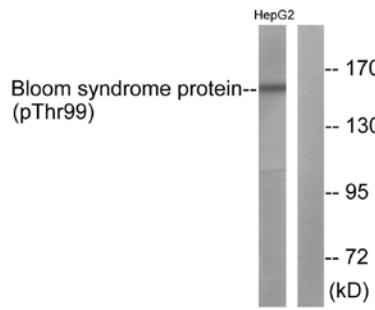


P-peptide

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+

Immunohistochemistry analysis of paraffin-embedded human heart tissue using Bloom Syndrome Protein (Phospho-Thr99) antibody.



P-peptide - +

Western blot analysis of extracts from HepG2 cells, using Bloom Syndrome Protein (Phospho-Thr99) antibody.