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- Expressversand

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Anti-Thymidine Glycol Antibody [B29]

Rabbit Anti-Thymidine Glycol Monoclonal IgG
Catalog No. SMC-611



Discovery through partnership | Excellence through quality

Product Name

Thymidine Glycol Antibody

Description

Rabbit Anti-Thymidine Glycol Monoclonal IgG

Species Reactivity

Human

Applications

IHC, ELISA

Antibody Dilution

IHC (1:100); optimal dilutions for assays should be determined by the user.

Host Species

Rabbit

Immunogen Species

Species Independent

Immunogen

Thymidine glycol polymer

Concentration

1mg/mL

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, Dylight 350, Dylight 405, Dylight 594, Dylight 633, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

Properties

Storage Buffer

PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Affinity Purified

Clonality

Monoclonal

Clone Number

B29

Isotype

IgG

Cite This Product

Rabbit Anti- Thymidine Glycol Monoclonal (StressMarq Biosciences, Victoria BC, Cat# SMC-611)

Certificate Of Analysis

A 1:100 dilution of SMC-611 was sufficient to detect thymidine glycol in human renal cancer tissue by IHC analysis using Goat anti-rabbit IgG:HRP as a secondary antibody.

Biological Description

Alternative Names

TG antibody, Thymidineglycol antibody

Research Areas

Cancer, Cell Signaling, DNA Damage and Repair, DNA/RNA, Epigenetics and Nuclear Signaling, Oxidation, Oxidative Stress, Post-translational Modifications

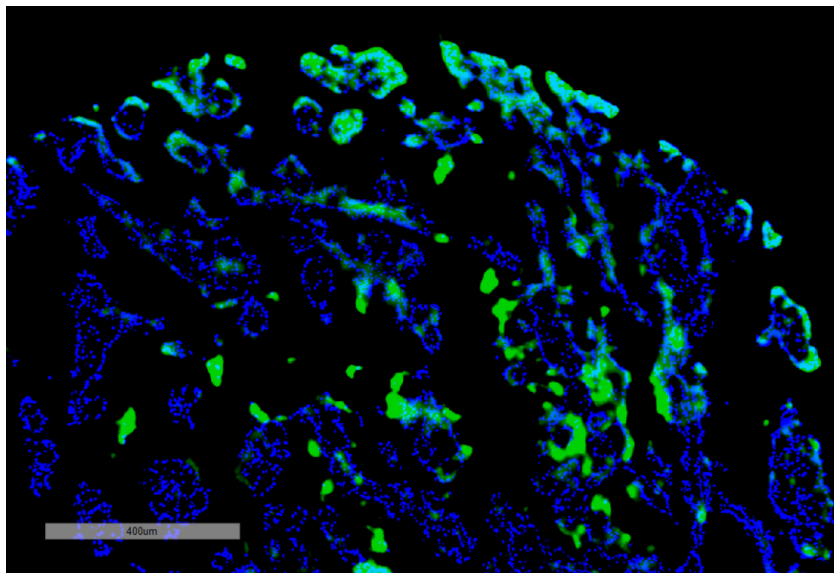
Scientific Background

Thymidine glycol (TG) is a product of oxidative damage to DNA. It is formed when deoxythymidine (dT) undergoes oxidation, either directly or via a thymidine chlorohydrin intermediate.

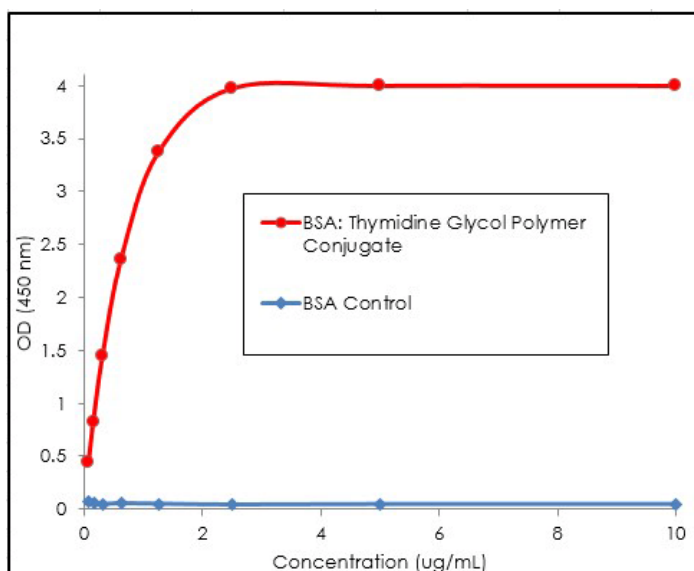
References

1. Ito, K. et al. (2012). *Anticancer Res.* 32(3):1063-1067

Product Images



Immunohistochemistry analysis using Rabbit Anti-Thymidine Glycol Monoclonal Antibody, Clone B29 (SMC-611). Tissue: renal cancer. Species: Human. Primary Antibody: Rabbit Anti-Thymidine Glycol Monoclonal Antibody (SMC-611) at 1:100 for Overnight at 4C, then 30 min at 37C. Secondary Antibody: Goat Anti-Mouse IgG (H+L): FITC for 45 min at 37C. Counterstain: DAPI for 3 min at RT.



ELISA analysis using Rabbit Anti-Thymidine Glycol Monoclonal Antibody, Clone B29 (SMC-611). Tissue: BSA. Primary Antibody: Rabbit Anti-Thymidine Glycol Monoclonal Antibody (SMC-611).

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.

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