

PRODUCT DATA SHEET



Bioworld Technology, Inc.

GALK1 (E15) pAb

Cat No.: BS2009

Host: Rabbit

Reactivity: Human, Mouse, Rat

BACKGROUND

Galactose kinase (GALK1), also often designated galactokinase, is important in the first step of the galactose metabolism pathway. GALK1, which belongs to the GHMP kinase family of proteins, is a crucial enzyme for galactose metabolism. Defects in the gene encoding for galactose kinase, GALK1, can cause galactosemia II, an autosomal recessive disorder characterized by congenital cataracts during infancy, often within the first two weeks of life. In the adult population it can cause presenile cataracts that are secondary to accumulation of galactitol in the lens of the eye.

PRODUCT

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight

~42 kDa

PURIFICATION & PURITY

The pAb was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the

purity is > 95% (by SDS-PAGE).

APPLICATIONS

WB: 1:500 ~ 1:1000

IHC: 1:50 ~ 1:200 (Recommended Dilutions)

STORAGE & STABILITY

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

SPECIFICITY

GALK1 (E15) pAb detects endogenous levels of GALK1 protein.

DATA

Western blot (WB) analyzes of GALK1 (E15) pAb in extracts from HeLa cells.

Immunohistochemistry (IHC) analyzes of GALK1 (E15) pAb in paraffin-embedded human lung cancer tissue.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

MADE IN CHINA

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