

Anti-PDRG Antibody

ORDERING INFORMATION

Catalog No.: 34012

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

PDRG (p53 and DNA damage-regulated gene) is predominantly expressed in normal human testis but can be detected at lower levels in other organs. PDRG mRNA is upregulated after exposure of cells to UV radiation but is downregulated by tumor suppressor p53. Sequence analysis of PDRG promoter revealed the presence of an Oct-1 binding site as well as a p53 binding site. PDRG is a novel gene in that it is differentially regulated by p53 and UV radiation.

SPECIFICATION SUMMARY

Immunogen: Synthetic peptide corresponding to the aa sequence CDHLDKEIEKLRKQLK of human PDRG conjugated to KLH.

Host Species: Rabbit

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes human and mouse PDRG (approx 15 kDa) .

APPLICATIONS

Immunoblotting : use at 1:500-1:1,000 dilution.

Positive control: Normal human or mouse testis.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

BACKGROUND REFERENCE:

Luo X et al. 2003 *Oncogene* **22**: 7247-57.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.