

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-p62^{dok} Antibody

ORDERING INFORMATION

Catalog No.: 1107

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chroma-tography.

BACKGROUND

Signals from most growth factors and cytokines are transduced by receptor tyrosine kinases or non-receptor tyrosine kinases. Activated tyrosine kinases phosphorylate their substrates which mediates the cellular response to extracellular stimuli. A long-sought major substrate termed p62^{dok} (downstream of tyrosine kinase) for many tyrosine kinases including c-kit, v-abl, v-Fps, v-Src, v-Fms, and activated EGF, PDGF, IGF, VEGF, and insulin receptors, has been identified in human and mouse. Upon phosphorylation, p62^{dok} forms a complex with the ras GTPase-activating protein (RasGAP). p62^{dok}, along with p56^{dok}, represents a new family of RasGAP-binding proteins.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 425-439 of human p62^{dok}.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human p62^{dok} (62kD).

APPLICATIONS

Immunoblotting: use at 1:1,000-1:2,000 dilution.

Positive control: Whole cell lysate of Jurkat cells.

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.

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