



**User's Manual**

# Human ITPKB ELISA Matched Antibody Pair

REF

**ABPR-0504**



RUO

This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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## PRODUCT INFORMATION

### Intended Use

This antibody pair set comes with matched antibody pair to detect and quantify protein level of human ITPKB.

### General Description

The protein encoded by this protein regulates inositol phosphate metabolism by phosphorylation of second messenger inositol 1, 4, 5-trisphosphate to Ins(1, 3, 4, 5)P<sub>4</sub>. The activity of this encoded protein is responsible for regulating the levels of a large number of inositol polyphosphates that are important in cellular signaling. Both calcium/calmodulin and protein phosphorylation mechanisms control its activity.

### Reagents And Materials Provided

Antibody pair set content:

1. Capture antibody: mouse monoclonal anti-ITPKB (100 µg)
2. Detection antibody: rabbit purified polyclonal anti-ITPKB (50 µg)

Note: Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

### Reconstitution And Storage

Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.