

## Anti-ITK antibody (Internal) (STJ71668)

### GENERAL INFORMATION

|               |                        |
|---------------|------------------------|
| Product Type  | Primary antibodies     |
| Applications  | Pep-ELISA/WB/IHC/IF/FC |
| Host / Source | Goat                   |
| Reactivity    | Human/Rat/Cow          |

### PRODUCT PROPERTIES

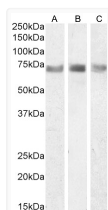
|                     |                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                                                                                |
| Concentration       | 0.5 mg/mL                                                                                                                                                                                                                                                 |
| Conjugation         | Unconjugated                                                                                                                                                                                                                                              |
| Purification        | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                     |
| Dilution Range      | Peptide ELISA: antibody detection limit dilution 1:64000.<br>WB: Approx 70kDa band observed in Rat Colon, Lung and Spleen lysates (calculated MW of 72.4kDa according to Rat NP_001102295.2). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 |
| Formulation         | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA                                                                                                                                                                    |
| Isotype             | IgG                                                                                                                                                                                                                                                       |
| Storage Instruction | Store at -20°C on receipt and minimise freeze-thaw cycles.                                                                                                                                                                                                |

### TARGET INFORMATION

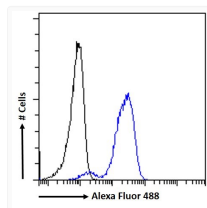
|                    |                           |
|--------------------|---------------------------|
| Gene ID            | <a href="#">3702</a>      |
| Gene Symbol        | <a href="#">ITK</a>       |
| UniProt ID         | <a href="#">ITK_HUMAN</a> |
| Immunogen Region   | Internal                  |
| Immunogen Sequence | KERPEDRPAFSR              |

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ71668 (0.3µg/ml) staining of Rat Colon (A), (0.5µg/ml) Lung (B) and (1µg/ml) Spleen (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71668 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.