

## Recombinant Fragile histidine triad/FHIT Monoclonal Antibody

catalog number: AN300276P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human   |
| <b>Immunogen</b>    | Recombinant Human Fragile histidine triad / FHIT Protein  |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG   |
| <b>Clone</b>        | 14B3  |
| <b>Purification</b> | Protein A   |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS with 10% Trehalose, pH7.0 |

### Applications Recommended Dilution

|               |              |
|---------------|--------------|
| <b>WB</b>     | 1:500-1:2000 |
| <b>ICC/IF</b> | 1:20-1:100   |

### Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| <b>Shipping</b> | Ice bag  |

### Background

This gene, a member of the histidine triad gene family, encodes a diadenosine 5',5'''-P1,P3-triphosphate hydrolase involved in purine metabolism. The gene encompasses the common fragile site FRA3B on chromosome 0, where carcinogen-induced damage can lead to translocations and aberrant transcripts of this gene. In fact, aberrant transcripts from this gene have been found in about half of all esophageal, stomach, and colon carcinomas. Alternatively spliced transcript variants have been found for this gene.

### For Research Use Only