

**TAX158Ge22**  
**Anti-Glutathione S Transferase (GST) Tag Monoclonal Antibody**  
***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG

**Purification:** Protein A/G Affinity Chromatography.

**Clone number:** H3

**Traits:** Liquid

**Concentration:** 500µg/mL

**UOM:** 200µg

**Applications:** WB; ICC/IF; Dot Blot; ELISA; IP; EMSA; Purification.

## **[ IMMUNOGEN ]**

**Immunogen:** Synthetic Peptide, GST conjugated to OVA.

**Accession No.:** CPX158Ge21

## **[ APPLICATIONS ]**

Western blotting: 0.5-5ug/ml

Immunocytochemistry in formalin fixed cells/Immunofluorescence: 5-30ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

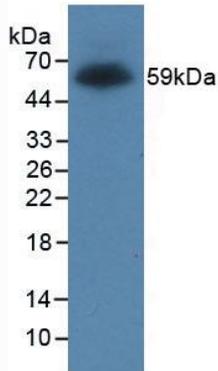
Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were

observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ **IDENTIFICATION** ]



**Figure 1. Western Blot**

**Sample: Recombinant Protein RPK170Hu01 with  
GST-tag**