

## TIA-1 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50318

Clone# BP6295

**Predicted Molecular Wt:** 43kDa  
**Species Cross-reactivity:** Human  
**Applications:** IHC-P

**Purity:** ProA affinity purified IgG  
**Form:** Liquid  
**Swissprot ID:** P31483

### Background:

TIA-1 (T-cell inhibitory antigen-1) is a cytotoxic granule associated protein. Located within a type of lymphocyte with cell lysis ability.

TIA-1 is mainly expressed in non activated cytotoxic cells and is positive in tumors derived from T cells or NK cells. All lymphoma derived from B lymphocytes show negative expression.

TIA-1 expression in T-cell malignancies may help in differentiating LGL leukemia (high expression) from T-cell lymphocytosis and other T-cell diseases (low expression). TIA-1 may also be used to label tumor-infiltrating lymphocytes in the study of immune response to malignancies.

### Subcellular location:

Cytoplasmic granules

### Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

### Immunogen:

Synthetic peptide. This information is proprietary to BioLynx.

### Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

### Storage Conditions:

-25°C to -18°C

### Shipment Instructions:

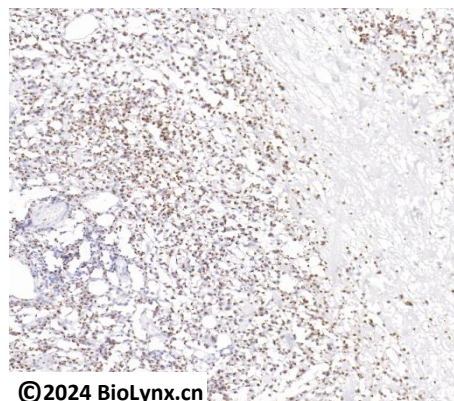
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

### Recommended Dilution:


IHC-P: 1:100-1:200

### Background References:

1. Izquierdo, J.M. (2007) J Biol Chem, 282, 19410-7.
2. Kawai, T. (2006) Mol Cell Biol, 26, 3295-307.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of T-cell lymphoma labelling TIA-1 with BP6295.

Product QC'd by: 

**For research use only. Not for use in diagnostic or therapeutic applications.**