

## MONOCLONAL ANTIBODY

*For research use only. Not for clinical diagnosis.*

**Catalog No. TSS-M03**

# Anti Calreticulin

## BACKGROUND

The protein has long been basically studied as a calcium-related protein but it has recently been clarified that the protein is highly expressed in breast and urinary bladder carcinoma cells. It is a promising urinary tumor marker for urinary bladder carcinoma. This antibody clone against the protein recognizes a locus within 15kDa from the C-terminal.

<b>Product type</b>	Monoclonal antibodies
<b>Host</b>	Mouse
<b>Source</b>	Ascites
<b>Form</b>	Purified Liquid
<b>Volume</b>	100ul
<b>Concentration</b>	1mg/ml
<b>Specificity</b>	human Calreticulin
<b>Antigen</b>	Recombinant human calreticulin protein (Antibody binds to C-terminal fragment of 15 kDa)
<b>Isotype</b>	IgM Clone:3-11D

**Application notes** WB, ELISA

### Recommended use

### Recommended dilutions

Western blotting, 1-10ug/ml

ELISA, 1-20ug/ml

Optimal dilutions/concentrations should be determined by the end user.

**Cross reactivity** React with human. Not test for other species.

**Storage** Store at 4°C

- References**
- 1) Kageyama S, et al : Identification by Proteomic Analysis of Calreticulin as a Marker for Bladder Cancer and Evaluation of the Diagnostic Accuracy of Its Detection in Urine. Clin Chem 50:857-866, 2004
  - 2) Kageyama S et al: Urinary calreticulin in the diagnosis of bladder urothelial carcinoma. Int J Urol 16:481-6. 2009

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