

## Catalog No. BMR 00443

### Mouse monoclonal antibody **Anti-Human CBL**

#### ■ Formulation

Mouse monoclonal anti-human **CBL** antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub>PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub>HPO<sub>4</sub> (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN<sub>3</sub>).

#### ■ Antibody concentration

100 µg/ml (1.0 ml)

#### ■ Storage

Store at 2-8°C for up to one year.  
We recommend storing at -20°C for long-term storage.  
Avoid repeat freezing and thawing cycles.

#### ■ Preparation

This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.

#### ■ Sterility

Filtered through a 0.22 µm membrane.

#### ■ Applications

Please visit our website at <http://www.biomatrix.co.jp/>.

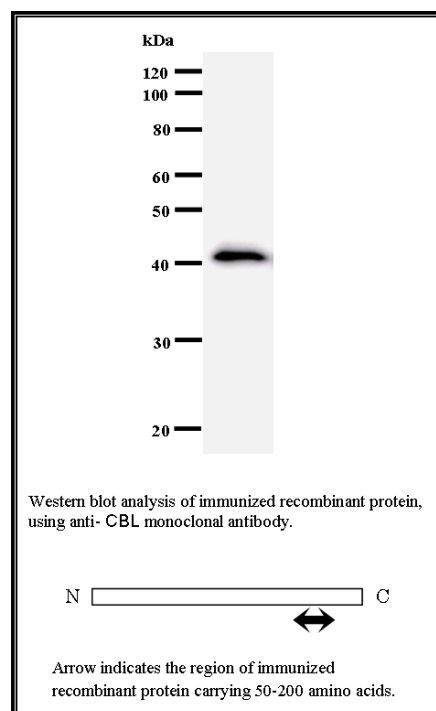
#### ■ Disposal

This antibody solution contains sodium azide (NaN<sub>3</sub>) as a preservative. There is a potential hazard that NaN<sub>3</sub> reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.

#### ■ Safety warnings and precautions

Caution must be taken to avoid contact with skin or eyes. In such a case, rinse thoroughly at once with water. Do not ingest, inhale, or swallow. Seek medical attention immediately.  
Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves.  
It is strongly advised that this product should be handled by people who have been well trained in laboratory techniques and that it is handled with care pursuant to the principles of good laboratory practice. All chemicals are deemed potentially harmful.  
The vial is prone to fall over. Use caution, especially when the lid is off.

Lot No. **2111C3a-1**  
Clone No. **2111C3a**  
Antibody class : **IgG1**  
Immunogen : **Recombinant**



FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES.

manufactured by BMR

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## Mouse monoclonal antibody **Anti-Human CBL**

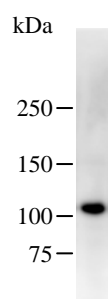
### ■ Background

The cbl oncogene was first identified as part of a transforming retrovirus which induces mouse pre-B and pro-B cell lymphomas. As an adaptor protein for receptor protein-tyrosine kinases, it positively regulates receptor protein-tyrosine kinase ubiquitination in a manner dependent upon its variant SH2 and RING finger domains. Ubiquitination of receptor protein-tyrosine kinases terminates signaling by marking active receptors for degradation. [NCBI Entrez Gene Summary]

### ■ Recommended condition

WB: 0.2-2 µg/ml

### ■ Application



Detection of human CBL by Western blot.  
Samples: Whole cell lysate (25 µg) from HT-1080 cells.  
[Lot No. 2111C3a-1]

Predicted molecular weight: 99 kDa