BIO MATRIX RESEARCH ™

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## Catalog No.BMR 00694

# Mouse monoclonal antibody Anti-Human DDX17

**Lot No. 2248C2a-1**
**Clone No. 2248C2a**
**Antibody class : IgG1**
**Immunogen : Recombinant**

### Formulation
Mouse monoclonal anti-human **DDX17** antibody in PBS (3.0 mM KCl, 1.5 mM $KH_2PO_4$, 140 mM NaCl, 8.0 mM $Na_2HPO_4$ (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide ($NaN_3$).

### Antibody concentration
100 µg/ml (1.0 ml)

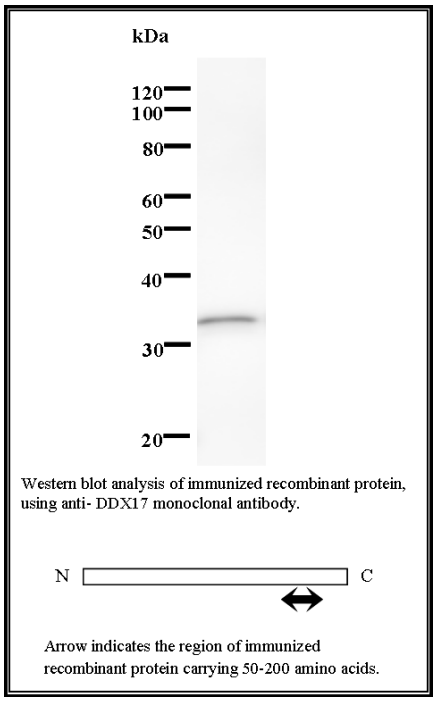
### Storage
Store at 2-8℃ for up to one year.
We recommend storing at –20℃ for long-term storage.
Avoid repeat freezing and thawing cycles.

### 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 ($NaN_3$) as a preservative. There is a potential hazard that $NaN_3$ reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.



Western blot analysis of immunized recombinant protein, using anti- DDX17 monoclonal antibody.

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.

### 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.

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

**manufactured by BMR**

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# Mouse monoclonal antibody Anti-Human DDX17

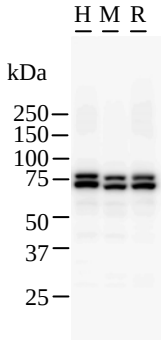
## Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and splicesosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is an ATPase activated by a variety of RNA species, but not by dsDNA. This protein, and that encoded by DDX5 gene, are more closely related to each other than to any other member of the DEAD box family. Several alternatively spliced transcripts encoding different isoforms, some of which use non-AUG (CUG) translation initiation codon, have been described for this gene. [provided by RefSeq][NCBI Entrez Gene Summary]

## Recommended condition

WB: 0.2-2 µg/ml

## Application




Detection of human DDX17 by Western blot.
Samples: Whole cell lysate from human HEK293 (H, 25 µg) , mouse NIH3T3 (M, 25 µg) and rat F2408 (R, 25 µg) cells. [Lot No. 2248C2a-1]
Predicted molecular weight: 80 kDa