

## BUB1 | Validation File

**TARGET** BUB-1 protein (Budding uninhibited by benzimidazoles 1 homolog) GenBank: AAK12628.1

**CLONE NAME** 31D

**DESCRIPTION** mouse monoclonal

**ANTIGEN USED** XBub1 recombinant protein (aa568-828, 28 kDa)

**ISOTYPE** IgG1

**SPECIES REACTIVITY** Xenopus

**LOCALIZATION** nuclear

**POSITIVE CONTROL** Xenopus tissue

**STORAGE BUFFER** Tissue culture supernatant: 0.02% sodium azide

Purified antibody: PBS plus 1%BSA and 0.02% sodium azide. MAb concentration: 1mg/ml

**STORAGE** Aliquot and store at 4C. Do not freeze

 Recommended

 Inconclusive

 Not Recommended

 Not Tested

# APPLICATIONS

## ● | WB | **Western Blotting**

31D mAb is able to detect Xenopus BUB1 protein by WB.

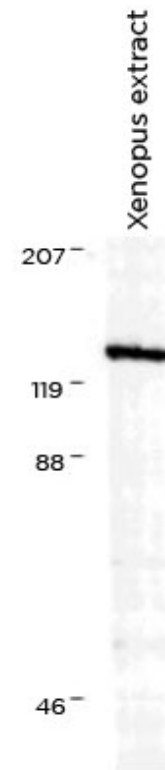
**DILUTION** No dilution (neat supernatant)

### **LANES**

Lane 1 Xenopus extract (50ug) (+)

Predicted molecular weight: **126kDa**

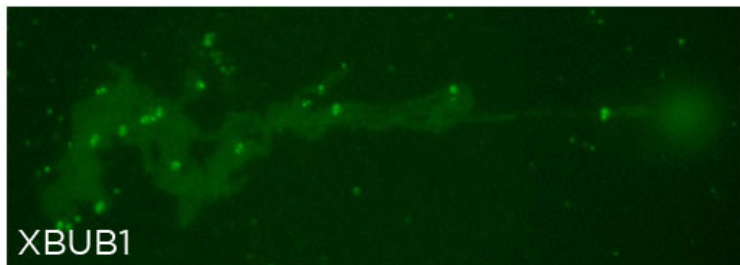
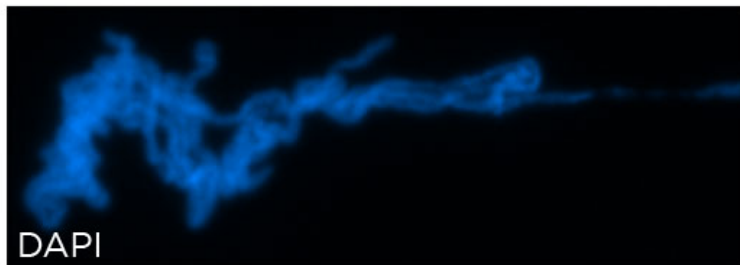
Observed molecular weight: **126kDa**



● | IF | **Immunofluorescence (paraffin)**

31D mAb can be used to detect Xenopus BUB1 protein by immunofluorescence

**TISSUE SAMPLE** Xenopus Chromatin



- | ICC | **Immunocytochemistry** Not tested
- | FC | **Flow Cytometry** Not tested
- | IP | **Immunoprecipitation** Not Tested
- | IHC-F | **Immunohistochemistry (frozen)** Not tested
- | IHC-P | **Immunohistochemistry (paraffin)** Not tested