

## Calmodulin antibody [6D4]

**Cat. No. GTX25494**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF, ELISA
<b>Reactivity</b>	Human, Mouse, Rat, Bovine, Chicken, Bacteria

**Package**  
200 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:2,000
ICC/IF	1:250
ELISA	Assay dependent

Not tested in other applications.

**Product Note**

This antibody does not detect parvalbumin, tropinin, S-100, or myosin light chain kinase (MLCK). Addition of EGTA to buffers completely inhibits antibody staining.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	Ascites
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Immunogen</b>	Calmodulin purified from Dictyostelium discoideum.
<b>Purification</b>	Unpurified
<b>Conjugation</b>	Unconjugated

**Note**

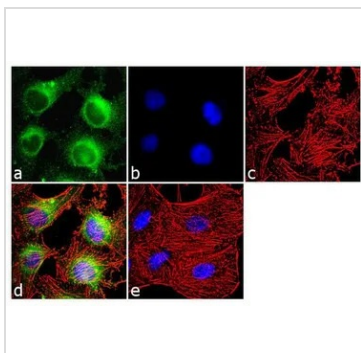
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## DATA IMAGES

**GTX25494 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTX25494 Calmodulin antibody [6D4]. Panel e is a no primary antibody control.

Green : Primary antibody

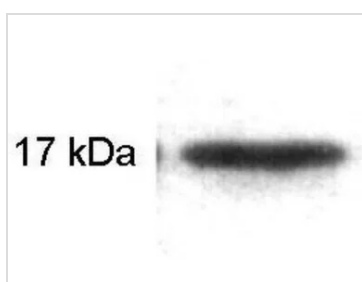
Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton X-100 for 10 minute

Dilution : 1:250 dilution in 0.1% BSA and incubated for 3 hours at room temperature

**GTX25494 WB Image**

WB analysis of purified calmodulin protein using GTX25494 Calmodulin antibody [6D4].



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