

## Anti-ch TOG/CKAP5 Antibody Picoband® (monoclonal, 3C13) Biotin Conjugated

Catalog Number: M05324-Biotin

### About CKAP5

Cytoskeleton-associated protein 5 is a microtubule-associated protein that in humans is encoded by the CKAP5 gene. It is mapped to 11p11.2. This gene encodes a cytoskeleton-associated protein which belongs to the TOG/XMAP215 family. The N-terminal half of this protein contains a microtubule-binding domain and the C-terminal half contains a KXGS motif for binding tubulin dimers. This protein has two distinct roles in spindle formation; it protects kinetochore microtubules from depolymerization and plays an essential role in centrosomal microtubule assembly. This protein may be necessary for the proper interaction of microtubules with the cell cortex for directional cell movement. It also plays a role in translation of the myelin basic protein (MBP) mRNA by interact ernatively spliced transcript variants encoding different isoforms have been identified.

### Overview

Product Name	Anti-ch TOG/CKAP5 Antibody Picoband® (monoclonal, 3C13) Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Monoclonal 3C13
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	Q14008

### Technical Details

Immunogen	E.coli-derived human ch TOG/CKAP5 recombinant protein (Position: M1-L221).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2b
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin

**Suggested Dilutions**

Western blot, Optimal dilutions should be determined by end users.  
Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.  
ELISA, Optimal dilutions should be determined by end users.

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