

## Anti-Bora Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

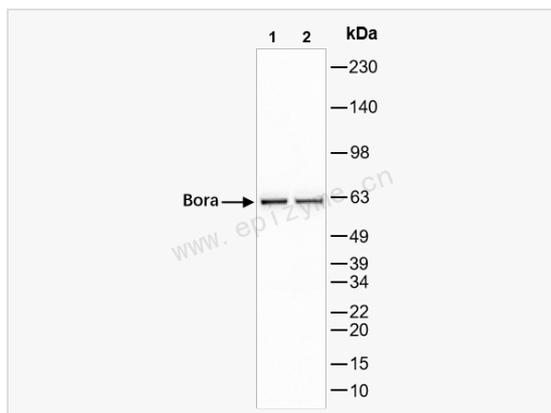
Catalog # R010694

### Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	36L23L99
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Bora
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Bora Rabbit mAb [36L23L99] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	C13orf34; BORA; Protein aurora borealis; HsBora.
Calculated MW	Calculated MW: 61 kDa; Observed MW: 61 kDa
Uniprot ID	Q6PGQ7
Gene ID	79866
Background	BORA is an activator of the protein kinase Aurora A (AURKA; MIM 603072), which is required for centrosome maturation, spindle assembly, and asymmetric protein localization during mitosis (Hutterer et al., 2006 [PubMed 16890155]).[supplied by OMIM, Mar 2008]



Western Blot - Anti-Bora Rabbit mAb [36L23L99]

All lanes: R010694 at 1:1,000 dilution

Lane 1: Mouse brain whole tissue lysates

Lane 2: Rat brain whole tissue lysates

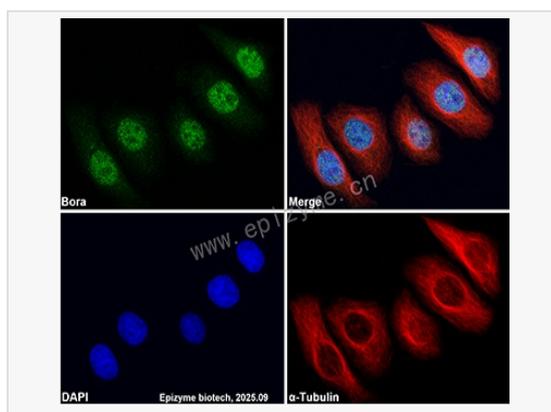
Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 61 kDa

Observed band size: 61 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-Bora Rabbit mAb [36L23L99]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R010694 at 1:100 dilution and  $\alpha$ -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).