

Anti-EB2 Antibody



Product Details

Available Variants	100 µL (SKU:EM5081)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	KT52
Gene Name	MAPRE2
Host Species	Rat
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 0.05% NaN ₃
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone KT52 was generated from a GST fusion protein containing human EB2. This sequence is highly conserved in rat and mouse EB2.
Specificity	The antibody detects a 36 kDa* protein corresponding to the molecular mass of EB2 on SDS-PAGE immunoblots of human HeLa, mouse brain, and rat PC12 cells. The antibody also detects EB2 by immunocytochemistry in HeLa and A431 cells.
Molecular Weight	32
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term

at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.

UniProt ID [Q15555](#)

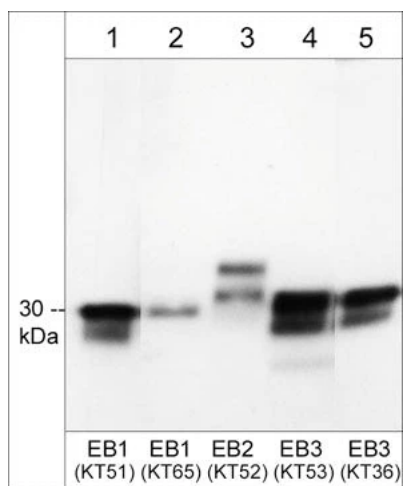
Country of Origin United States

Shipping Blue Ice

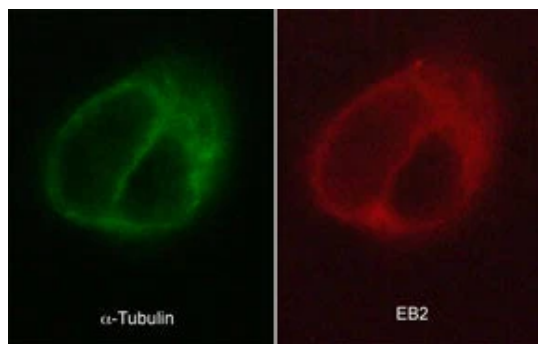
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot of EB proteins in mouse brain (lanes 1-5). The blot was probed with rat monoclonals EM5041 anti-EB1 (lane 1), EM5061 anti-EB1/2/3 (lane 2), EM5081 anti-EB2 (lane 3), EM5101 anti-EB3 (lane 4), and EM5091 anti-EB3 (lane 5). Then the antibodies were detected using goat anti-Rat IgG Light Chain specific:HRP (RS3121).



Immunocytochemical labeling of EB2 in paraformaldehyde-fixed and NP40-permeabilized A431 cells. The cells were dual labeled with mouse monoclonal anti- α -Tubulin (TM4111) (left) and rat monoclonal anti-EB2 (EM5081) (right). The antibodies were detected using either goat anti-mouse:DyLight® 488 (MS3011) or goat anti-Rat:DyLight® 594 (RS3111).



Created on 10. September 2026 | All information without guarantee