cellsciences.com

Epha4
Rat Anti-Mouse Eph Receptor A4 Clone 11C13 mAb

Catalog No.	CME117	**Quantity:**	100 µg

Alternate Names: Ephrin Receptor EphA4, Cek8, Hek8, Sek, Sek1, Tyro1

Gene ID: 13838

Description: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat) immunized with recombinant mouse EphA4 extracellular domain. IgG1 fraction of the culture supernatant was purified by Protein A/G affinity chromatography.

Specificity: This antibody was selected for its ability to detect mouse EphA4 in western blots. In this format, this antibody does not cross-react with recombinant mouse EphA2, EphA6, EphA7, EphA8 and EphB2, EphB3, EphB4, and EphB6

Host: Rat

Immunogen: Mouse EPHA4 extracellular domain

Isotype: IgG1

Clone: 11C13

Formulation: Lyophilized from a 0.2 µm sterile filtered solution in PBS

Purification: Protein A/G affinity chromatography

Reconstitution: **Centrifuge vial prior to opening**. Reconstitute the antibody with 500 µl sterile PBS (final concentration 200µg/ml). Reconstituted
antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity.
Avoid repeated freeze-thaw cycles.

Cross-Reactivity: Does not cross react with recombinant mouse EPHA2, 6, 7, 8 or EPHB2, 3, 4, 6.

Applications:
1. Western Blot: Yes (1:100-1000)
2. Immunohistochemistry (Paraffin): Yes (1:50-200)

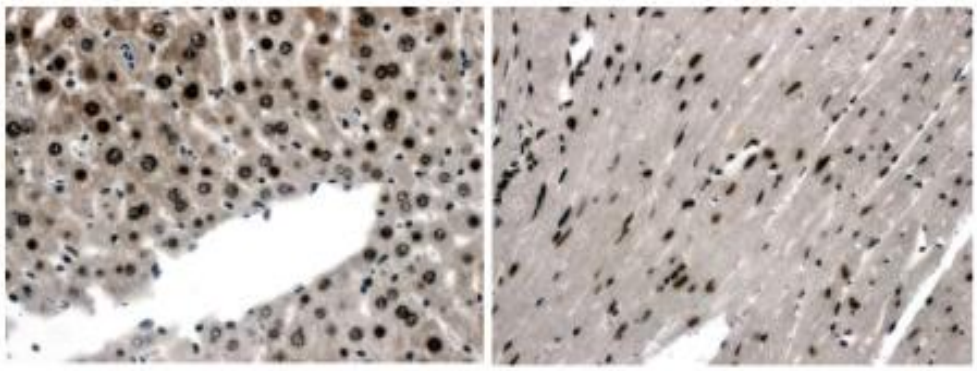
Storage & Stability: Store lyophilized antibody at -80°C. Reconstituted antibody is stable for 6 months in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**

Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com

Paraffin liver and heart sections from LPS treated mice were subjected to IHC using anti EphA4 antibody #11C13



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com