

Anti-Mouse EpCAM (G8.8) In Vivo Antibody - Low Endotoxin

Product Code: ICH1217

More Information

Species Reactivity: Mouse

Target: EpCAM

Concentration: 1.0 - 5.0 mg/ml

Isotype: Rat IgG2a

Host: Rat

product name H2: Anti-Mouse EpCAM (G8.8) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Immunogen: TE-71 thymic epithelial cell line

Buffer: ICH3001-100ml ICH3002-100ml ICH3003-100ml

UniProt: P16422;P16422;O55159;Q99JW5;Q99JW5

Shipping Conditions: Blue ice

background: EpCAM is a transmembrane glycoprotein mediating cell-cell adhesion in epithelia and is widely used as an epithelial and cancer-cell marker. Clone G8.8 is a rat IgG2a monoclonal antibody directed against mouse EpCAM, validated for in vivo use. Anti-EpCAM G8.8 is provided in a low-endotoxin format suitable for in vivo applications and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. This research-use-only, non-therapeutic reagent gives reproducible, lot-consistent performance, making it a reliable tool for epithelial biology, tumour modelling, and cell-adhesion research in the mouse.

Other names: EGP314



clone: G8.8

Purification Method: This monoclonal antibody was purified using Protein G

Formulation: This antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.

Purity: >95% by SDS-PAGE and HPLC

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: This low endotoxin antibody is stable when stored at 2-8°C for at least four (4) weeks. For long-term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: In vivo

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.