Technical Data Sheet

InVivoMAb anti-mouse CD326 (EpCAM)

Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at https://bioxcell.com/terms-and-conditions.

Lot Specific Information

Lot Number: **Lot Specific***
Volume: **Lot Specific***
Concentration: **Lot Specific* (generally 4 to 11 mg/ml) ***
Total Protein: **Lot Specific***

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number:	**BE0346**
Clone:	**G8.8**
Isotype:	Rat IgG2a, κ
Recommended Isotype Control(s):	InVivoMAb rat IgG2a isotype control, anti-trinitrophenol
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	TE-71 murine thymic epithelial cells
Reported Applications:	Immunohistochemistry (frozen) Immunofluorescence Flow cytometry Western blot
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	<2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 μm filtration
Production:	Purified from cell culture supernatant in an animal-free facility
Purification:	Protein G
RRID:	AB_2894765
Molecular Weight:	150 kDa

Description

The G8.8 monoclonal antibody reacts with CD326 also known as EpCAM (Epithelial Cell Adhesion Molecule). EpCAM is a 40-42 kDa cell-surface type 1 transmembrane glycoprotein expressed on most epithelial cells as well as a small subset of peripheral T cells, keratinocytes, Langerhans cells and thymic, lymph node, and splenic dendritic cells. CD326 mediates cell-cell adhesion and may function as a growth factor receptor. The antigen is being used as a target for immunotherapy treatment of human carcinomas.

Storage

Store at the stock concentration at 4°C. **Do not freeze.**
It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at https://bioxcell.com/faqs.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit https://bioxcell.com/be0346?bxcs=9k1b3a#tab_references or scan the QR code below.

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