Technical Data Sheet

*InVivo*MAb anti-mouse DR5 (CD262)

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:	**BE0161**
Clone:	**MD5-1**
Isotype:	Armenian Hamster IgG, κ
Recommended Isotype Control(s):	InVivoMAb polyclonal Armenian hamster IgG
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	Mouse DR5-Ig fusion protein
Reported Applications:	*in vivo* induction TRAIL-mediated apoptosis *in vitro* induction TRAIL-mediated apoptosis
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 filtered
Production:	Purified from tissue culture supernatant in an animal free facility
Purification:	Protein G
RRID:	AB_10950391
Molecular Weight:	150 kDa

Description

The MD5-1 monoclonal antibody reacts with mouse death receptor 5 (DR5) also known as CD262 and TRAIL-R2. DR5 is a 55 kDa member of the TNF receptor superfamily and is expressed by most cell types. Upon binding to its ligand TRAIL, DR5 activates NF-κB and induces TRAIL-mediated apoptosis. The MD5-1 antibody has been shown to induce TRAIL-mediated apoptosis *in vitro* and *in vivo*.

Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**
All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. 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 bxcell.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://bxcell.com/product/m-dr5-cd262/#references or scan the QR code below.

Bio X Cell, Inc.

bxcell.com
1.866.787.3444
customerservice@bxcell.com
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