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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Membrane type 1 metalloprotease [LEM-2/15] Bulk Size Ab00364-10.0-BT

This chimeric human antibody was made using the variable domain sequences of the original mouse IgG1 format for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: LEM-2/15

Alternative Name(s) of Target: MT1-MMP

UniProt Accession Number of Target Protein:

Published Application(s): Blocking, ELISA

Published Species Reactivity: Human

Immunogen: The cyclic peptide possessing the sequence of residues 218-233 of the V-B-loop of MT1-MMP.

Specificity: This antibody binds to residues 218-233 of the V-B loop of MT1-MMP with a K_d of $2.32 \times 10^{-9} M$.

Application Notes: This antibody binds to residues 218-233 of the V-B loop of MT1-MMP which is a mediator of cell migration and is frequently involved in malignancy of tumours by promoting metastasis. The antibody acts as a non-competitive inhibitor of the receptor.

Antibody First Published in: Udi et al. 2015 Inhibition mechanisms of membrane metalloprotease by an exosite swiveling conformational antibody. Structure 2015; 23: 104-115 [PMID:25482542](#)

Note on publication: Describes the crystal structures of the LEM-2/15 bound to MT1-MMP.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg /ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.