



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-Membrane type 1 metalloprotease [LEM-2/15] Bulk Size Ab00364-1.4-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG1, [Fc Silent™](#), 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 Kd of 2.32E10-9M.

**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.