

Datasheet for ABIN632489 **anti-DMBT1 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	DMBT1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMBT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	DMBT1 antibody was raised using the N terminal of DMBT1 corresponding to a region with amino acids SWSTPSPDTLPTITLPASTVGSSESLALRLVNGGDRQCGRVEVLYRGSWG
Specificity:	DMBT1 antibody was raised against the N terminal of DMBT1
Purification:	Affinity purified

Target Details

Target:	DMBT1
Alternative Name:	DMBT1 (DMBT1 Products)
Background:	Loss of sequences from human chromosome 10q has been associated with the progression of human cancers. The gene DMBT1 was originally isolated based on its deletion in a medulloblastoma cell line. DMBT1 is expressed with transcripts of 6.0, 7.5, and 8.0 kb in fetal

Target Details

lung and with one transcript of 8.0 kb in adult lung, although the 7.5 kb transcript has not been characterized. The DMBT1 protein is a glycoprotein containing multiple scavenger receptor cysteine-rich (SRCR) domains separated by SRCR-interspersed domains (SID). Transcript variant 2 (8.0 kb) has been shown to bind surfactant protein D independently of carbohydrate recognition. This indicates that DMBT1 may not be a classical tumor suppressor gene, but rather play a role in the interaction of tumor cells and the immune system.

Molecular Weight: 258 kDa (MW of target protein)

Pathways: [Activation of Innate immune Response](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: DMBT1 Blocking Peptide, catalog no. 33R-8945, is also available for use as a blocking control in assays to test for specificity of this DMBT1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of DMBT1 antibody in PBS

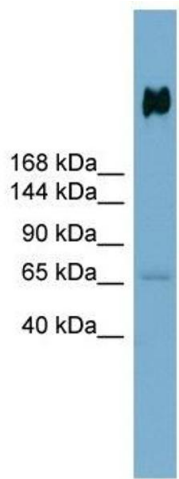
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. DMBT1 antibody used at 1 ug/ml to detect target protein.