

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09464 - Goat Anti-MDFI Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MDFI, MyoD family inhibitor, I-MF, I-mfa, OTTHUMP00000016375, OTTHUMP00000196414, inhibitor of MyoD family a

**Official Symbol:** MDFI

**Accession Number(s):** NP\_005577.1

**Human GeneID(s):** [4188](#)

### Immunogen

Peptide with sequence C-SKSTTSQIPLQAQED, from the internal region of the protein sequence according to NP\_005577.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

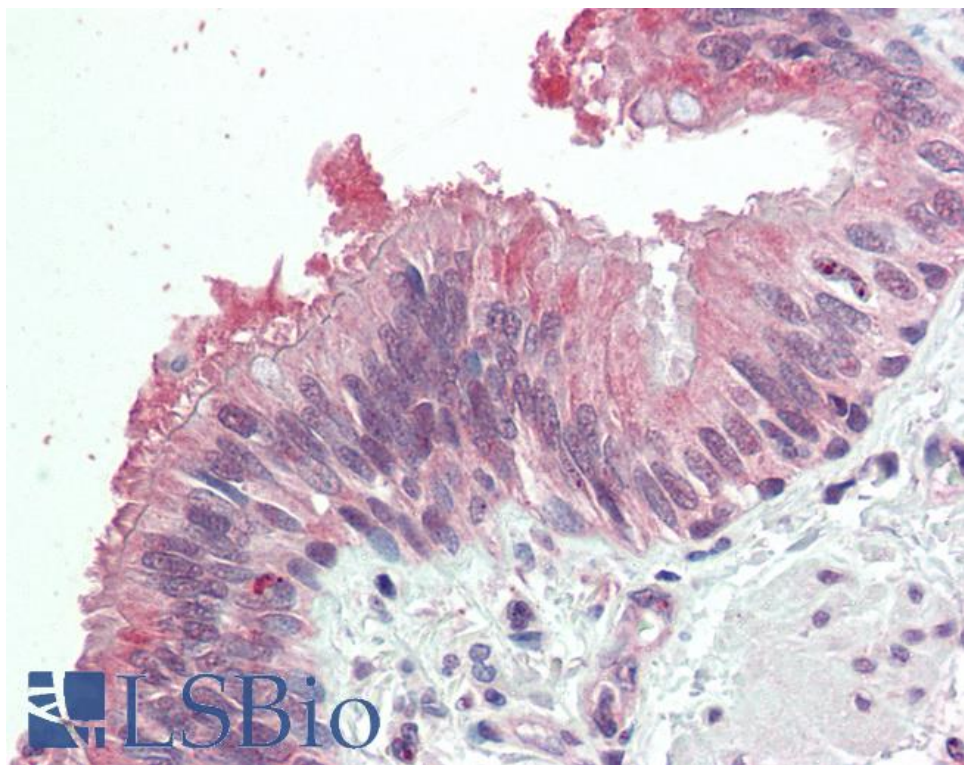
**Western blot:** Preliminary experiments gave an approx. 70kDa band in lysates of cell line HepG2 after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 25kDa according to NP\_005577.1. The 70kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Lung (Bronchus). Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB09464 (5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.