

## Mouse Monoclonal Antibody to

# Integrin $\alpha 11\beta 1$ (ITGA11)

## clone 203E1

**Order No.:** 0518-100/ITGA11-203E1  
**Size ( $\mu\text{g}$ ):** 100  
**Lot No.:** 0518S



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02/280120F

Isotype	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope	Immunogen
IgG1	human	IHC,IP,Flow Cyt, Luminex, function blocking	155 kDa			human Integrin $\alpha 11\beta 1$ (ITGA11)

### Background and Specificity:

Integrin  $\alpha 11\beta 1$  (ITGA11) is a collagen receptor that is expressed in mesenchymal cells identified as fibroblasts, myofibroblasts and mesenchymal stem cells, and has been reported to be overexpressed in the stroma of non-small cell lung cancer (NSCLC) and of head and neck squamous cell carcinoma (HNSCC).

mAb ITGA11-203E1 is blocking ITGA11-mediated adhesion both under two-dimensional (2D) and three-dimensional (3D) conditions.

**Purification:** The antibody was purified from serum-free cell culture supernatant by affinity chromatography and subsequent buffer exchange.

**Formulation:** liquid; 1 mg/ml in PBS/0.09% Na-Azide/PEG and Sucrose

**Stability:** Aliquote and freeze in liquid nitrogen; antibody can be stored frozen at  $-80^{\circ}\text{C}$  up to 1 year. Thaw aliquots at  $37^{\circ}\text{C}$ . Thawed aliquots may be stored at  $4^{\circ}\text{C}$  up to 3 months. Avoid repeated freeze / thaw cycles.

**Reconstitution:**

**Positive Control:** none

**Immunoblotting:**

**Flow Cytometry:** use at 3  $\mu\text{g}/\text{ml}$

**Immunoprecipitation:** use at 5  $\mu\text{g}/\text{ml}$

**Immunocytochemistry:** use at 0,5  $\mu\text{g}/\text{ml}$ , 1:200 dilution

**ELISA:** ND

**Luminex:** KD < 10 pM

**All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.**

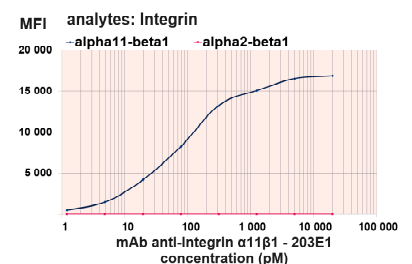
### Related Products

**mab to ITGA11**  
#0519-100/ITGA11-203E3

**mab to ITGA11**  
#0683-100/ITGA11-210F4

### Reference:

$\alpha 11\beta 1$  Integrin is Induced in a Subset of Cancer-Associated Fibroblasts in Desmoplastic Tumor Stroma and Mediates In Vitro Cell Migration. Cedric Zeltz et al.; Cancers 2019, 11, 765; doi: 10.3390/cancers11060765



Specific detection of  $\alpha 11\beta 1$  Integrin by Luminex assay