

产品名称: ITA6 Mouse Monoclonal Antibody  
产品货号: AMM85909



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | ITA6 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody      |
| 宿主 (Host)              | Mouse                          |
| 应用 (Application)       | WB,IHC,ICC,FC                  |
| 种属反应性 (Reactivity)     | Human, Mouse                   |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                             |
| 修饰 (Modification)   | Unmodified                                                                               |
| 同种型 (Isotype)       | Mouse IgG1                                                                               |
| 克隆 (Clonality)      | Monoclonal                                                                               |
| 形式 (Form)           | Liquid                                                                                   |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液 (Buffer)       | Purified antibody in TBS with 0.05% sodium azide.                                        |
| 纯化方式 (Purification) | Affinity Purification                                                                    |

## 免疫原信息 (Immunogen)

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ITA6<br>Integrin alpha-6, CD49 antigen-like family member F, VLA-6, CD49f, Integrin           |
| 别名 (Alternative Names) | alpha-6 heavy chain, Integrin alpha-6 light chain, Processed integrin alpha-6, Alpha6p, ITGA6 |
| 基因 ID (Gene ID)        | 3655.0                                                                                        |
| 蛋白 ID (SwissProt ID)   | P23229. ITA6 recombinant protein is used to produce this monoclonal antibody.                 |

## 产品应用 (Application)

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:500,ICC 1:20-1:50,FC 1:20-1:50 |
| 蛋白分子量 (Molecular Weight) | 126.6kDa                                                   |

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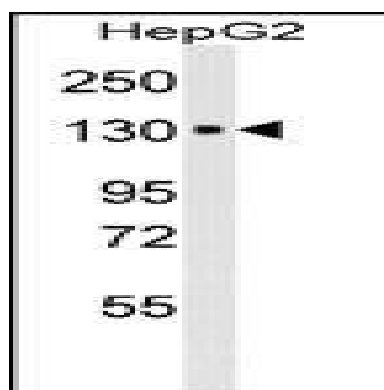
## 研究背景 (Background)

The ITGA6 protein product is the integrin alpha chain alpha 6. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, alpha 6 may combine with beta 4 in the integrin referred to as TSP180, or with beta 1 in the integrin VLA-6. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Two transcript variants encoding different isoforms have been found for this gene.

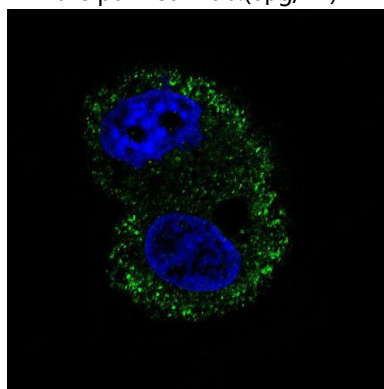
## 研究领域 (Research Area)

PI3K-Akt signaling pathway

## 图片 (Image Data)

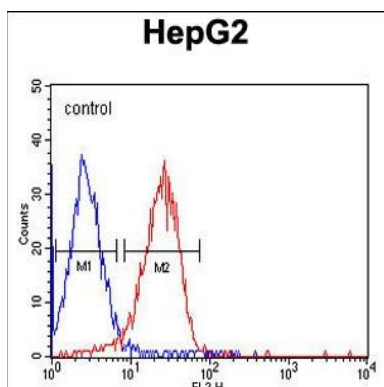


Western blot analysis of anti-ITA6 (Cat. #AMM85909) in HepG2 cell line lysates (35µg/lane). ITA6 (arrow) was detected using the purified Mab.(8µg/ml)

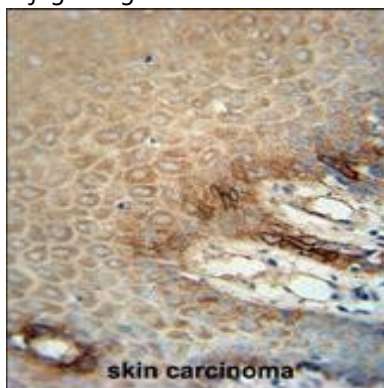


Confocal immunofluorescent analysis of ITA6 Antibody (Cat#AMM85909) with HepG2 cell followed by Alexa Fluor® 488-conjugated goat anti-mouse IgG (green). DAPI was used to stain the cell nuclear (blue).

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ITA6 Monoclonal Antibody (Cat. #AMM85909) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). PE-conjugated goat-anti-mouse secondary antibodies were used for the analysis.



ITA6 Monoclonal Antibody (Cat. #AMM85909) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ITA6 Monoclonal Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

### 注意事项 (Note)

For research use only .