

HIF-1 Alpha Mouse mAb

Catalog Number: bsm-33428M

Target Protein: HIF-1 Alpha

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: 3G9

Isotype: IgG1

Applications: WB (1:500-2000), ICC/IF (1:50-1:200)

Reactivity: Human (predicted:Mouse, Rat)

Predicted MW: 92 kDa

Entrez Gene: 3091

Swiss Prot: Q16665

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

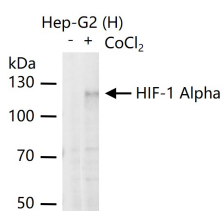
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background:

缺氧诱导因子1Alpha不仅对于机体在缺氧条件下维持正常的生理功能具有特别重要的意义,并在肿瘤的生长以及神经细胞凋亡等病理过程中起重要作用. HIF1 alpha能调节许多下游基因的表达水平.

哺乳动物细胞在低氧压力条件下出现HIF. HIF是一种转录因子,对细胞的缺氧起稳定作用。

VALIDATION IMAGES



Hep-G2 (H) cells were treated with or without CoCl₂ (500uM) for 6 h, 25 µg total protein per lane of cell lysates (see on figure) probed with HIF-1 Alpha monoclonal antibody, unconjugated (bsm-33428M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.