



HIF-2 alpha Biotin

Data Sheet

Catalog Number: RA25044B

Host: Mouse

Product Type: Mouse Monoclonal, IgG₁

Species Reactivity: Human, Mouse, Rat

Immunogen Sequence: Human HIF-2 alpha amino acids 535-631.

Format: 100 ul liquid containing PBS. Concentration: 1.0 mg/ml.

Applications: Western Blot: 1:500
Immunohistochemistry 1:150-1:300 (paraffin fixed)*

*Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Store frozen. Aliquot as undiluted antisera and immediately place at -20°C. Antisera may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20°C. Repeated freeze/thaw cycles compromise the integrity of the antiserum.

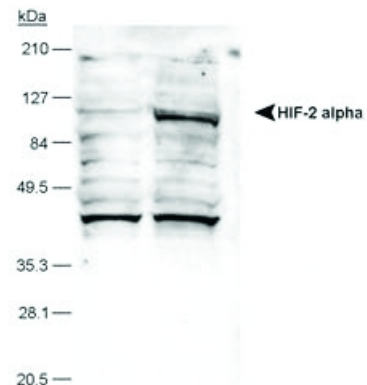
Application Notes

For immunohistochemistry , HIF-2 alpha has been tested only on paraffin embedded sections only. In western blots as a band is seen at ~118 kDa.

Description/Data:

HIF-2 alpha is predominantly expressed in highly vascularized tissues of adult humans and endothelial cells of the embryonic and adult mouse, whereas HIF-1 alpha functions primarily in extravascular tissues. HIF-2 alpha is also a potent activator of the tie-2 gene, which is known to be selectively expressed in endothelial cells.

Image: HIF-2 alpha detected in hypoxic human lysate. Lane 1: normoxic A549 lysate control, lane 2: hypoxic A549 lysate.



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