

## Hepatocyte nuclear factor 1-alpha Antibody

Mouse Monoclonal Antibody [Clone HNF1A/2086]

Catalog No	Format	Size
6927-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6927-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6927-MSM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details	
Clone	HNF1A/2086
Immunogen	Recombinant fragment (around aa 214-339) of human HNF1A protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	67.39kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Liver

\*Optimal dilution for a specific application should be determined.

### Product Images for Hepatocyte nuclear factor 1-alpha Antibody

#### Specificity & Comments

Transcriptional activator that regulates the tissue specific expression of multiple genes, especially in pancreatic islet cells and in liver (By similarity). Binds to the inverted palindrome 5'-GTTAATNATTAAC-3' (PubMed:10966642, PubMed:12453420). Activates the transcription of CYP1A2, CYP2E1 and CYP3A11 (By similarity)., (Microbial infection) Plays a crucial role for hepatitis B virus gene transcription and DNA replication. Mechanistically, synergistically cooperates with NR5A2 to up-regulate the activity of one of the critical cis-elements in the hepatitis B virus genome enhancer II (ENII).

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.