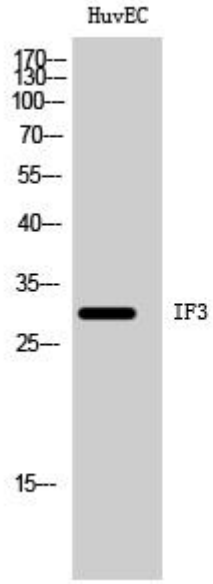
IF3 Monoclonal Antibody

Catalog No	YP-mAb-03926
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MTIF3
Protein Name	Translation initiation factor IF-3 mitochondrial
Immunogen	The antiserum was produced against synthesized peptide derived from human MTIF3. AA range:69-118
Specificity	IF3 Monoclonal Antibody detects endogenous levels of IF3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MTIF3; DC38; Translation initiation factor IF-3; mitochondrial; IF-3(Mt); IF-3Mt; IF3(mt); IF3mt
Observed Band	30kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Cervix,Colon,Dendritic cell,Melanocyte,
Function	function:IF-3 binds to the 28S ribosomal subunit and shifts the equilibrum between 55S ribosomes and their 39S and 28S subunits in favor of the free subunits, thus enhancing the availability of 28S subunits on which protein synthesis initiation begins.,similarity:Belongs to the IF-3 family.,
Background	This gene encodes a translation initiation factor that is involved in mitochondrial protein synthesis. Polymorphism in this gene is associated with the onset of Parkinson's disease. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5. [provided by RefSeq, Oct 2009],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using IF3 Monoclonal Antibody