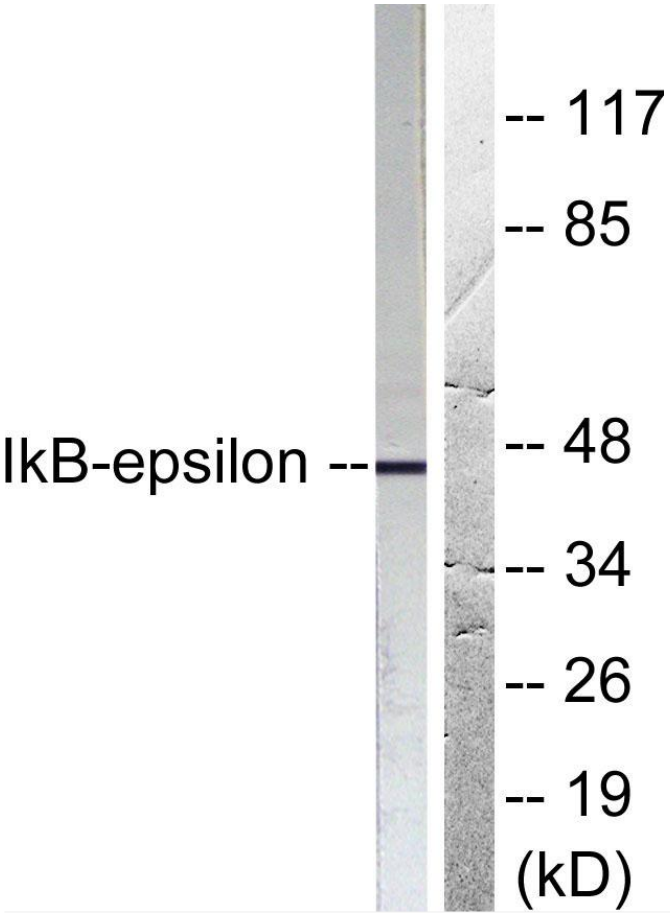
I κ B- ε Monoclonal Antibody

Catalog No	YP-mAb-01832
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NFKBIE
Protein Name	NF-kappa-B inhibitor epsilon
Immunogen	The antiserum was produced against synthesized peptide derived from human IkappaB-epsilon. AA range:131-180
Specificity	I κ B- ε Monoclonal Antibody detects endogenous levels of I κ B- ε 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	NFKBIE; IKBE; NF-kappa-B inhibitor epsilon; NF-kappa-BIE; I-kappa-B-epsilon; IkB-E; IkB-epsilon; IkappaBepsilon
Observed Band	45kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Highly expressed in spleen, testis and lung, followed by kidney, pancreas, heart, placenta and brain. Also expressed in granulocytes and macrophages.
Function	function:Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. Inhibits DNA-binding of NF-kappa-B p50-p65 and p50-c-Rel complexes.,PTM:Serine phosphorylated; followed by proteasome-dependent degradation.,similarity:Belongs to the NF-kappa-B inhibitor family.,similarity:Contains 6 ANK repeats.,subunit:Interacts with RELA, REL, NFKB1 nuclear factor NF-kappa-B p50 subunit and NFKB2 nuclear factor NF-kappa-B p52 subunit.,tissue specificity:Highly expressed in spleen, testis and lung, followed by kidney, pancreas, heart, placenta and brain. Also expressed in granulocytes and macrophages.,
Background	The protein encoded by this gene binds to components of NF-kappa-B, trapping the complex in the cytoplasm and preventing it from activating genes in the nucleus. Phosphorylation of the encoded protein targets it for destruction by the ubiquitin pathway, which activates NF-kappa-B by making it available to

translocate to the nucleus. [provided by RefSeq, Sep 2011],

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 I κ B- ε Monoclonal Antibody