
Product Name: Hsp47 (18D10) Rabbit Monoclonal Antibody**Catalog #: AMRe12246**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.23mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:200
Molecular Weight	46kDa

Antigen Information

Gene Name	SERPINH1
Alternative Names	CBP1; CBP2; OI10; gp46; AsTP3; HSP47; PIG14; PPRM; RA-A47; SERPINH2;
Gene ID	871.0
SwissProt ID	P50454
Immunogen	A synthetic peptide of human Hsp47

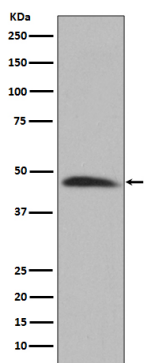
Background

This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The encoded protein is localized to the

endoplasmic reticulum and plays a role in collagen biosynthesis as a collagen-specific molecular chaperone. Autoantibodies to the encoded protein have been found in patients with rheumatoid arthritis. Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.

Research Area

Image Data



Western blot analysis of Hsp47 expression in HeLa cell lysate.