

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



Summary

Production Name	Hsp47 (18D10) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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

Immunogen

Gene Name	SERPINH1
Alternative Names	CBP1; CBP2; OI10; gp46; AsTP3; HSP47; PIG14; PPRM; RA-A47; SERPINH2;
Gene ID	871.0
SwissProt ID	P50454.

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	46kDa

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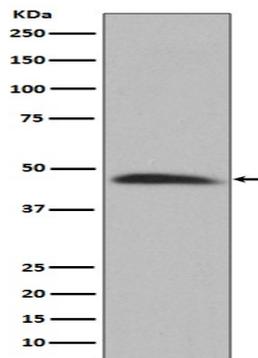


Background

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.

Note

For research use only.