



#### ORDERING INFORMATION

**Catalog Number:** AF1266

**Lot Number:** KIN01

**Size:** 100 µg

**Formulation:** 0.2 µm filtered solution in PBS  
with 5% trehalose

**Storage:** -20° C

**Reconstitution:** sterile PBS

**Specificity:** human Serpin A5

**Immunogen:** NS0-derived rhSerpin A5  
(aa 20 - 406)

**Ig Type:** goat IgG

**Applications:** Direct ELISA  
Western blot  
Immunoprecipitation

## ***Anti-human Serpin A5 Antibody***

### ***Preparation***

Produced in goats immunized with purified, NS0-derived, recombinant human Serpin A5 (rhSerpin A5; aa 20 - 406). Human Serpin A5 specific IgG was purified by human Serpin A5 affinity chromatography.

### ***Formulation***

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.

### ***Reconstitution***

Reconstitute with sterile PBS. If 0.5 mL of PBS is used, the antibody concentration will be 0.2 mg/mL.

### ***Storage***

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### ***Specificity***

This antibody has been selected for its ability to recognize human Serpin A5 in direct ELISAs and western blots. In these formats, this antibody shows less than 1% cross-reactivity with rhSerpin A1, rhSerpin A3, rhSerpin A4, rmSerpin A5, rhSerpin C1, rmSerpin D1 and rhSerpin F2.

### ***Applications***

**Direct ELISA** - This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect human Serpin A5. The detection limit for rhSerpin A5 is approximately 0.2 ng/well.

**Western blot** - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect human Serpin A5. The detection limit for rhSerpin A5 is approximately 1 ng/lane under non-reducing and reducing conditions.

**Immunoprecipitation** - This antibody has been used to immunoprecipitate rhSerpin A5 from conditioned media of transfected NS0 cells. The recovered rhSerpin A5 can be detected by western blot analysis using a monoclonal antibody (R&D Systems, Catalog # MAB1266).

**Optimal dilutions should be determined by each laboratory for each application.**