

ASTL

Mouse Anti-Human ASTL/Ovastacin (Clone 8D7) mAb

Catalog No.	MHK11601A MHK11601B	Quantity:	50 µg 100 µg
Alternate Names:	Astacin-like metalloendopeptidase, Ovastacin, Oocyte astacin, ZP2-proteinase		
Description:	Ovastacin is an oocyte-specific member of the astacin family of metalloendoproteases, which plays a definitive role in postfertilization block to sperm binding that ensures monospermic fertilization.		
UniProt ID (target):	Q6HA08		
Specificity:	Human ovastacin		
Immunogen:	Mammalian cell-derived recombinant Human ASTL / Ovastacin (Met1-Asp431)		
Isotype:	Mouse IgG1		
Source:	Mouse ascites		
Clone:	8D7		
Concentration:	~1.0 mg/ml, lot specific		
Formulation:	0.01M PBS, pH 7.4, 50% glycerol, 0.05% Proclin 300		
Purification:	Protein G affinity chromatography		
Purity:	> 95% as determined by SDS-PAGE		
Applications:	ELISA: suggested dilution 1:4000-1:8000 IHC: suggested dilution 1:50-1:100 Western blot: suggested dilution 1:2000-1:8000		
Storage & Stability:	Recommended storage, undiluted at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year. Avoid freeze/thaw cycles.		

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