

# Absea Product datasheet

<b>Product number</b>	169213F10H
<b>Antibody specificity</b>	Human alpha-1-microglobulin (A1M)
<b>Species reactivity</b>	Human
<b>UniProt/GenelD</b>	P02760/259
<b>Clone number</b>	KT158
<b>Immunogen</b>	Native human alpha-1-microglobulin
<b>Antibody isotype</b>	Mouse IgG2b
<b>Antibody form</b>	Intact antibody labelled with horseradish peroxidase
<b>Concentration</b>	1 mg/ml in PBS containing 0.01% thimerosal as a preservative
<b>Cross-reactivity</b>	Not tested
<b>Applications</b>	Western blotting, detection antibody for sandwich ELISA (paired with KT157).

These are applications that have been tested. It does not mean that the antibody cannot be used for other applications

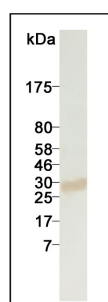


Figure 1. Western blotting using purified  $\alpha$ 1M.

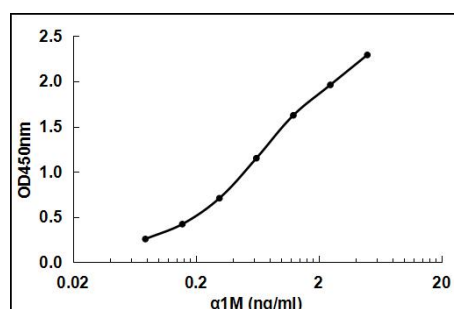


Figure2. Sandwich ELISA using KT157 as capture antibody and HRP conjugated KT158 as detection antibody

<b>Suggested working concentrations</b>	Sandwich ELISA: 1 $\mu$ g/ml Western blotting: 1 $\mu$ g/ml  Optimal concentrations should be determined by the end user
<b>Preparation</b>	IgG is purified through a Protein A column and labelled with horseradish peroxidase
<b>Store</b>	4 °C for 1 month, -20 °C or -80 °C for long term. Avoid repeated freeze/thaw cycles
<b>Safety information</b>	This product contains thimerosal which is hazardous