## PRODUCT INFORMATION

| Common Name | MORAb-009 |
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| Synonyms | MSLN;Mesothelin;MPF |
| Applications | ELISA; Flow Cyt |
| Recommended <br> Dilutions | ELISA 1:5000-10000; Flow Cyt 1:100 |
| Formulation \& | Lyophilized from sterile PBS, pH 7.4. Normally 5 <br> \%-8\% trehalose is added as protectants before <br> Reconstitution <br> lyophilization. Please see Certificate of Analysis <br> for specific instructions of reconstitution. |
| Host Species | Chimeric |
| IgG type | IgG1 |
| Reactivity | Human |
| Target | MSLN |
| Uniprot ID | Q13421 |
| Description | Anti-Mesothelin (amatuximab biosimilar) mAb <br> Delivery |
| In Stock |  |
| Storage \& Shipping | Store at -20 ${ }^{\circ} \mathrm{C}$ to -80 <br> lyophilized form. After reconstitution, if not <br> intended for use within a month, aliquot and store <br> at -80 |
| Lyophilized proteins are shipped at ambient |  |

## Anti-Mesothelin (amatuximab biosimilar) mAb ELISA

$0.2 \mu \mathrm{~g}$ of Mesothelin(296-580), mFc-His Tagged protein per well


Figure 1. ELISA plate pre-coated by $2 \mu \mathrm{~g} / \mathrm{ml}$ ( $100 \mu \mathrm{l} / \mathrm{well}$ ) Human Mesothelin, mFc-His tagged protein ([getskuurl sku="PME100031"]) can bind Anti-Mesothelin Neutralizing antibody in a linear range of 3.2-80.0 ng/ml.


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human Mesothelin (A) were surface stained with antiMesothelin neutralizing antibody $1 \mu \mathrm{~g} / \mathrm{ml}$ (amatuximab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

