

## Product datasheet for **TA399891**

### OSTF1 Mouse Monoclonal Antibody [Clone ID: AT9G4]

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	AT9G4
<b>Applications:</b>	ELISA, FACS, ICC/IF, WB
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a, kappa
<b>Clonality:</b>	Monoclonal
<b>Formulation:</b>	Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol
<b>Concentration:</b>	1mg/ml (determined by BCA assay)
<b>Purification:</b>	By protein-G affinity chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
<b>Database Link:</b>	<a href="#">Q92882</a>
<b>Background:</b>	Osteoclast-stimulating factor (OSTF1) is an intracellular signaling protein, highly expressed by osteoclasts (OCL). Indirectly, it enhances osteoclast (OCL) formation and bone resorption through a cellular signal transduction cascade by possibly interacting with c-Src or other c-Src-related proteins. OSTF1 contains a short proline-rich N-terminal region, an SH3 domain, three ankyrin repeats and an aspartate-rich C-terminal region, suggesting that it is potentially involved in protein-protein interactions.

