

## Mouse Monoclonal Antibody to CD114

<b>Catalogue Number</b>	sAP-1719
<b>Target Molecule</b>	<p><b>Name: CD114</b></p> <p><b>Aliases:</b> CSF3R; SCN7; GCSFR</p> <p><b>MW: 92.2kDa</b></p> <p><b>Entrez Gene ID: 1441</b></p>
<b>Description</b>	<p>The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Alternatively spliced transcript variants have been described. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.</p>
<b>Immunogen</b>	Purified recombinant fragment of human CD114 (AA: extra 25-187) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM3G10G2
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Clin Cancer Res. 2016 Feb 1;22(3):757-64.2.World J Gastroenterol. 2014 Jan 28;20(4):1074-8.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**