



Mouse Monoclonal Antibody to CD114

Catalogue Number	sAP-1720
Target Molecule	Name: CD114 Aliases: CSF3R; SCN7; GCSFR MW: 92.2kDa Entrez Gene ID: 1441
Description	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.
Immunogen	Purified recombinant fragment of human CD114 (AA: extra 25-187) expressed in E. Coli.
Recitative Species	Human;
Clone	MM8F8B12
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**