

**CD14 Antibody (7)**

Tested Species Reactivity	Published Species Reactivity
Human (Hu)	Human (Hu)

Tested Applications	Dilution *
Western Blot (WB)	1:10-1:100
Immunohistochemistry (Paraffin) (IHC (P))	1:20-1:40
Flow Cytometry (Flow)	1:2

Published Applications	Dilution
Immunohistochemistry (IHC)	See publications

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
<b>Catalog Number:</b>	MA5-11394
<b>Size:</b>	500 µL
<b>Class:</b>	Monoclonal
<b>Type:</b>	Antibody
<b>Clone:</b>	7
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Immunogen:</b>	Recombinant protein encoding the external domain of human CD14

Form Information	
<b>Form:</b>	Liquid
<b>Storage Buffer:</b>	tissue culture supernatant
<b>Preservative:</b>	0.09% sodium azide
<b>Storage Conditions:</b>	4° C

Product Specific Information	General Information
------------------------------	---------------------

MA5-11394 targets CD14 in IHC (P), FACS and WB applications and shows reactivity with Human samples.

The MA5-11394 immunogen is recombinant protein encoding the external domain of human CD14.

*For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.*

CD14 (also known lipopolysaccharide (LPS) receptor) is expressed strongly on monocytes and macrophage and weakly on the surface of neutrophils. CD14 is anchored to cells by linkage to glycosylphosphatidylinositol (GPI) and functions as a high affinity receptor for complexes of LPS and LPS binding protein (LBP). Soluble CD14, also binding to LPS, acts at physiological concentration as an LPS agonist and has, at higher concentrations, an LPS antagonizing effect in cell activation.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample turned to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.