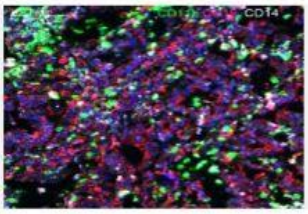
PRODUCT DATA SHEET

CD14 (PT0020) mouse mAb

Catalog No.	IML0123
Reactivity	Human; Mouse
Applications	IHC-p
Gene Name	CD14
Protein Name	Monocyte differentiation antigen CD14 (Myeloid cell-specific leucine-rich glycoprotein) (CD antigen CD14) [Cleaved into: Monocyte differentiation antigen CD14, urinary form; Monocyte differentiation antigen CD14, membrane-bound form]
Human Gene Id	929
Swiss-Prot	P08571
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse:IgG2b, Kappa
Dilution	IHC-p: 1:100-200
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	-
Storage&Stability	-20°C:1 year
Background	The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes:macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein.
Subcellular Location	Membranous, Cytoplasmic
BiowMW	-

Products Images:



Fluorescence multiplex immunohistochemical analysis of normal human gastric cancer tissue (formalin-fixed paraffin-embedded section).The section was incubated in 3 rounds of staining; in the order of CD15 YT0726 (1/50 dilution), CD11b YT5923 (1/50 dilution), CD14 YM6145 (1/50 dilution),each using a separate fluorescent tyramide signal amplification system.Sodium citrate antigen retrieval (Immunoway YS0002, 30 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity.DAPI (dark blue) was used as a nuclear counter stain.

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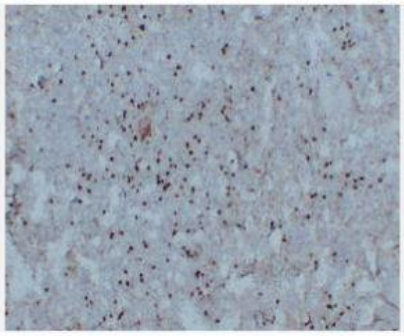
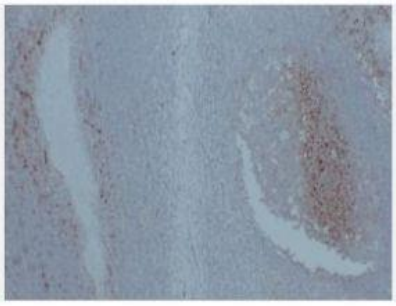


Immunohistochemical analysis of paraffin-embedded Spleen. 1, Antibody was diluted at 1:200(4° overnight). 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).