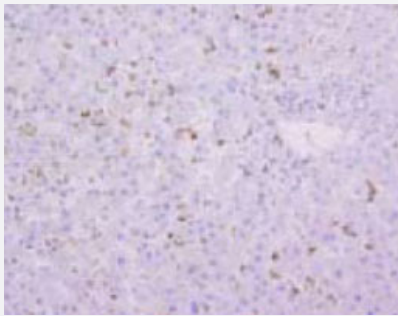


# Macrophage surface antigen monoclonal antibody, clone AM-3K

Catalog # MAB1733

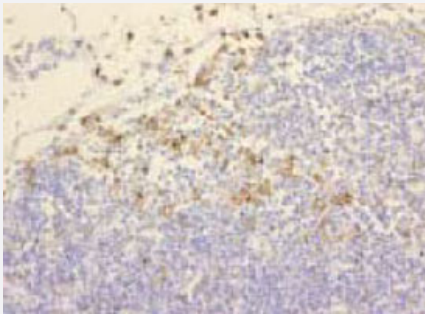
Size 50 ug

## Applications



### Immunohistochemistry

Immunohistochemical analysis of human liver tissue, using Macrophage surface antigen monoclonal antibody, clone AM-3K (Cat # MAB1733, 10 ug/mL).



### Immunohistochemistry

Immunohistochemical analysis of human lymph node tissue, using Macrophage surface antigen monoclonal antibody, clone AM-3K (Cat # MAB1733, 10 ug/mL).

## Specification

Product Description	Mouse monoclonal antibody raised against macrophage surface antigen.
Immunogen	Native human alveolar macrophages.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G affinity chromatography
Isotype	IgG1

Quality Control Testing	Antibody Reactive Against macrophage surface antigen.
Recommend Usage	Immunohistochemistry (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.1% proclin, 2.0% Block Ace)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunohistochemistry

Imunohistochemical analysis of human liver tissue, using Macrophage surface sntigen monoclonal antibody, clone AM-3K (Cat # MAB1733, 10 ug/mL).

- Immunohistochemistry

Imunohistochemical analysis of human lymph node tissue, using Macrophage surface sntigen monoclonal antibody, clone AM-3K (Cat # MAB1733, 10 ug/mL).

## Publication Reference

- [High Numbers of CD163-Positive Macrophages in the Fibrotic Region of Exuberant Granulation Tissue in Horses.](#)

Charis Du Cheyne, Ann Martens, Ward De Spiegelaere.

Animals 2021 Sep; 11(9):2728.

Application: IHC-P, Horse, Horse exuberant granulation tissue

- [Quantification of Macrophages and Mycobacterium avium Subsp. paratuberculosis in Bovine Intestinal Tissue During Different Stages of Johne's Disease.](#)

Jenvey CJ, Hostetter JM, Shircliff AL, Bannantine JP, Stabel JR.

Veterinary Pathology 2019 May; 300985819844823.

Application: IF, Bovine, Bovine intestinal tissues

- [Relationship between the pathology of bovine intestinal tissue and current diagnostic tests for Johne's disease.](#)

Jenvey CJ, Hostetter JM, Shircliff AL, Stabel JR.

Veterinary Immunology and Immunopathology 2018 Aug; 202:93.

Application: IF, IHC-Fr, Bovine, Bovine mid-ileal intestinal samples

- [Autofluorescence and Nonspecific Immunofluorescent Labeling in Frozen Bovine Intestinal Tissue Sections: Solutions for Multicolor Immunofluorescence Experiments.](#)

Jenvey CJ, Stabel JR.

The Journal of Histochemistry and Cytochemistry: Official Journal of the Histochemistry Society 2017 Aug; 65(9):531.

Application: IF, IHC-Fr, Bovine, Frozen bovine mid-ileal intestinal tissue sections

- [Distribution of cells immunopositive for AM-3K, a novel monoclonal antibody recognizing human macrophages, in normal and diseased tissues of dogs, cats, horses, cattle, pigs, and rabbits.](#)

Yamate J, Yoshida H, Tsukamoto Y, Ide M, Kuwamura M, Ohashi F, Miyamoto T, Kotani T, Sakuma S, Takeya M.

Veterinary Pathology 2000 Mar; 37(2):168.

Application: ICC, IEM, WB, Dogs, Cats, Horses, Cattle, Pigs, Rabbit, Liver, Kidneys, Lungs, Heart, Thymus, Spleen, Lymph nodes, Pancreas, Small and large intestines, Skin, Brain, Spinal cord, Bone marrow

- [Histochemical and morphological characteristics of canine cardiac mast cells.](#)

Frangogiannis NG, Burns AR, Michael LH, Entman ML.

The Histochemical Journal 1999 Apr; 31(4):221.

Application: IHC-P, Dog, Dog hearts

- [Interspecies reactivities of anti-human macrophage monoclonal antibodies to various animal species.](#)

Zeng L, Takeya M, Ling X, Nagasaki A, Takahashi K.

The Journal of Histochemistry and Cytochemistry 1996 Aug; 44(8):845.

Application: IEM, IHC, WB-Ti, Cat, Dog, Monkey, Mouse, Pig, Rabbit, Rat, Lympho nodes, Macrophages, Spleens, Testes

- [AM-3K, a novel monoclonal antibody specific for tissue macrophages and its application to pathological investigation.](#)

Zeng L, Takeya M, Takahashi K.

The Journal of Pathology 1996 Feb; 178(2):207.

Application: IEM, IHC-Fr, IHC-P, WB, Human, Human alveolar macrophages, Human tissues