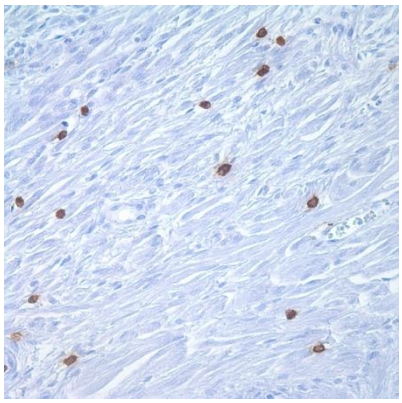
Tryptase clone G3

Instructions for Use

Specification:
Tryptases constitute a subfamily of trypsin-like proteinases, stored in mast cell secretory granules and basophils. Upon cellular activation, these enzymes are released into the extracellular environment. Anti-tryptase is a good marker for mast cells, basophils, and their derivatives.

Availability:

Catalog No.	Contents	Volume
ILM3423-C1	Tryptase	0,1 ml concentrate
ILM3423-C05	Tryptase	0,5 ml concentrate
ILM3423-C01	Tryptase	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human

Clone: G3

Species of origin: Mouse

Isotype: IgG_1

Control Tissue: Mast cell containing tissue such as myometrium, uterus

Staining: Cytoplasmic

Presentation: Anti-Tryptase is a mouse monoclonal antibody from ascites diluted in phosphate buffered saline, pH 7.3-7.7, with protein base, and preserved with sodium azide

Application and suggested dilutions:
Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:200-1:1000)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:200-1:1000)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

1) Fiorucci L, Ascoli F. Cell Mol Life Sci. 2004 Jun;61(11):1278-95Skalli, O., et al., J Cell Biol. 1986; 103:2787-2796
2) Li CY. Leuk Res. 2001 Jul;25(7):537-41Kuroda, M., Biochem Biophys Acta 1985; 843:20-213
3) Jordan JH et al. Hum Pathol. 2001 May;32(5):545-52
4) Gordon LK et al. Clin Immunol. 2000 Jan;94(1):42-50
5) Aoki M et al. Int Arch Allergy Immunol. 2003 Mar;130(3):216-23
6) Roberts IS, Brenchley PE. J Clin Pathol. 2000 Nov;53(11):858-62
7) Ghott A et al. Am J Surg Pathol. 2003 Jul;27(7):1013-9