

Mouse anti-DOG - 1, clone K9 (monoclonal)

Clone no. K9

MONXtra

Product name	Mouse anti-DOG - 1, clone K9 (monoclonal)
Host	Mouse
Applications	IHC-P (1:50)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to part of the C-terminus of the cytoplasmic domain of the human DOG-1 molecule.
Isotype	IgG2b
Clonality	Monoclonal
Clone number	K9
Size	1 ml
Concentration	Greater than or equal to 12 mg/L
Format	-
Storage buffer	Tissue culture supernatant with Sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-DOG - 1, clone K9 (monoclonal)

Clone no. K9

MONXtra

Additional info

DOG-1, a 986 amino acid protein of unknown function, is expressed predominantly on the plasma membrane of gastrointestinal stromal tumors (GISTs) and is rarely expressed in other soft tissue tumors, which, due to appearance, can be confused with GISTs. Reactivity for DOG-1 has been suggested to aid in the identification of GISTs, including Platelet-Derived Growth Factor Receptor Alpha mutants that fail to express KIT antigen. The use of PBS-based diluents may result in increased background staining.

References

1. Novelli M et al. *Histopathology*. 2010; 57, 259-270
2. Miettinen M et al. *American Journal of Surgical Pathology*, 2009; 33, 1401-1408
3. -
4. -
5. -

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES