

CD183 (PTR1451) Mouse mAb

CatalogNo: YM960213 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- IHC,IF

Isotype

- Mouse IgG1/Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:400-1:1000

IF 1:200-1:1000

Basic Information

Clonality Monoclonal

Clone Number PTR1451

Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

Target Information

Gene name CXCR3 GPR9
Protein Name C-X-C chemokine receptor type 3

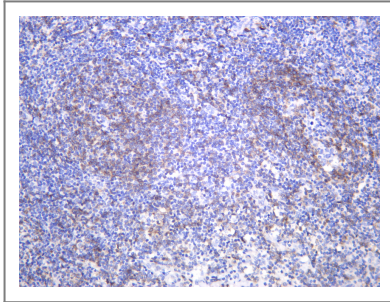
| Organism | Gene ID | UniProt ID |
|----------|-------------------------|--------------------------|
| Human | 2833 ; | P49682 ; |
| Mouse | 12766 ; | O88410 ; |
| Rat | 84475 ; | Q9JII9 ; |

Cellular Localization [Isoform 1]: Cell membrane ; Multi-pass membrane protein .; [Isoform 2]: Cell membrane ; Multi-pass membrane protein .

Tissue specificity Isoform 1 and isoform 2 are mainly expressed in heart , kidney , liver and skeletal muscle. Isoform 1 is also expressed in placenta. Isoform 2 is expressed in endothelial cells. Expressed in T-cells (at protein level) .

Function Isoform 1 is a Receptor for CXCL9 , CXCL10 and CXCL11 and mediates the proliferation of human mesangial cells (HMC) .Isoform 2 is a receptor for CXCL4 and also mediates the inhibitory activities of CXCL9 , CXCL10 and CXCL11 on the growth of human microvascular endothelial cells (HMVEC) . May play a role in angiogenesis. Isoform 3 is mediates the activity of CXCL11.

Validation Data



Human tonsil was stained with anti-CD183 (PTR1451) Mouse antibody

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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CD183 (PTR1451)
Mouse mAb