

À des fins de recherche uniquement

Anticorps Monoclonal anti-IL-9

Numéro de catalogue: 66144-1-Ig **2 Publications**



Informations de base

| | | |
|---|---|--|
| Numéro de catalogue: 66144-1-Ig | Numéro d'acquisition GenBank: BC066284 | Méthode de purification: Purification par protéine A |
| Taille: 150ul, Concentration: 2400 µg/ml by 3578 Nanodrop and 1627 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): interleukin 9 | CloneNo.: 1F3A11 |
| Hôte: Mouse | Nom complet: interleukin 9 | Dilutions recommandées: WB 1:5000-1:50000 IHC 1:20-1:200 IF 1:200-1:800 |
| Isotype: IgG2b | MW calculé: 144 aa, 16 kDa | |
| Immunogen Catalog Number: AG21435 | MW observés: 19 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : Protéine recombinante, protéine protéine recombinante

IHC : tissu d'amygdalite humain,

IF : tissu d'amygdalite humain,

Informations générales

Interleukin 9 (IL-9) is a γ c-family cytokine that is highly produced by T-helper 9 (Th9) cells. IL-9 could promote the survival and activation of various cellular targets, including mast cells, B cells, T cells, and structural cells. Its expression is considered a hallmark of Th2-lineage cells. Primarily studied in Th2-type immunity, IL-9 was shown to be involved in asthma, allergy, and host defense against helminth infections. IL-9 also stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---------------|-----------|---------------|-------------|
| Yujun Sheng | 33249782 | FEBS Open Bio | WB |
| Shozo Ohtsuki | 37075705 | Cell Rep Med | |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

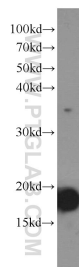
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

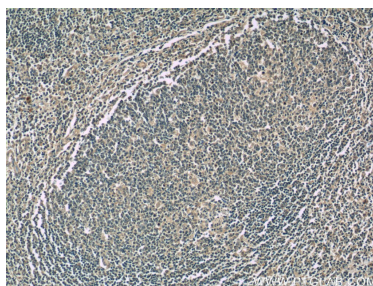
E: proteintech@ptglab.com
W: ptglab.com

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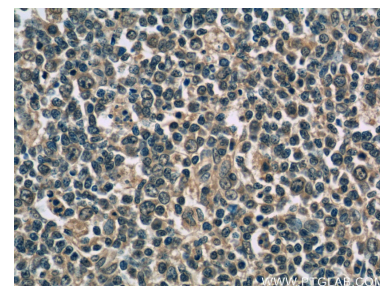
Données de validation sélectionnées



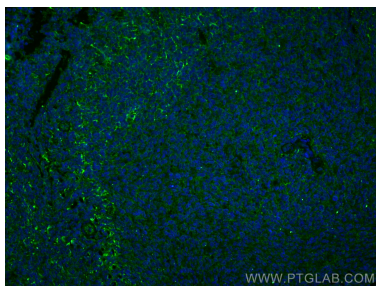
Recombinant protein were subjected to SDS PAGE followed by western blot with 66144-1-Ig (IL9 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66144-1-Ig (IL9 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66144-1-Ig (IL9 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using IL-9 antibody (66144-1-Ig, Clone: 1F3A11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).