



Antibodies Available for License

Monoclonal Antibodies Available for Licensing: Anti-NFPR, Anti-gp91phox, Anti-p22phox and Anti- CAP-18

Mouse monoclonal antibodies available for non-exclusive licensing from Montana State University are listed below:

Anti-N-formyl peptide receptor antibodies against human neutrophil N-formyl peptide receptor, NFPRa and NFPRb: NFPRa and NFPRb can be employed in the study of inflammation sites where the accumulation, activation and control of neutrophils is partly driven by the binding of N-formyl peptides to N-formyl peptide chemoattractant receptors (FPRs).

NFPRa Anti-FPR1 (human neutrophil N-formyl peptide receptor 1) and anti-FPR2 (human neutrophil N-formyl peptide receptor 2); IgG1; used as hybridoma culture supernatant and purified protein; epitope mapped, recognizing cytoplasmic c-terminal tail region containing residues of FPR1 (305-GQDFRERLI-313) and of FPR2 (306- GQDFRERLI-314); Walid S. Maaty, et al J. Biol. Chem. 2013, 288:27042-27058.

NFPRb Anti-FPR1 (human neutrophil N-formyl peptide receptor 1); IgG1; used as hybridoma culture supernatant and purified protein; epitope mapped, recognizing a region of FPR1 containing the cytoplasmic c-terminal tail residues 338-STLPSAEVELQAK-350; sensitive to C-terminal tail phosphorylation; Walid S. Maaty, et al J. Biol. Chem. 2013, 288:27042-27058.

Anti-gp91phox (human neutrophil flavocytochrome b large subunit; aka beta subunit, Nox2, cytochrome b559 or cytochrome b558)

mAb 54.1 IgG1, used as hybridoma culture supernatant and purified protein; epitope mapped, cytoplasmic domain (ref.: Burritt et al J Biol Chem. 1995 270:16974-80). cross reacts with Nox1, Nox3, Nox4, GRP58 (ref.: Baniulis et al. BBA 2005 1752:186-96).

mAb NL7 IgG1, used as hybridoma culture supernatant and purified protein; epitope mapped, cytoplasmic domain. (ref.: Burritt et al J Immunol. 2003 170:6082-9).

mAb CL5 IgG1, used as hybridoma culture supernatant and purified protein; epitope mapped, extracellular domain. (ref.: Baniulis et al Eur J Haematol. 2005 74:337-47).

Anti-p22phox (human neutrophil flavocytochrome b small subunit; aka alpha subunit, cytochrome b559 or cytochrome b558)

mAb 44.1 IgG2, used as hybridoma supernatant only; does not survive low pH treatment w/o special care; epitope mapped, cytoplasmic domain (ref.: Burritt et al J Biol Chem. 1995 270:16974-80).

mAb CS9 IgG1, used as hybridoma culture supernatant and purified protein; epitope mapped, cytoplasmic domain (ref.: Taylor et al J Immunol. 2004 173:7349-57).

Anti-human neutrophil CAP-18

H7 IgG1, used as hybridoma supernatant and purified protein; epitope mapped, holoprotein (ref.: Stie et al J Leukoc Biol. 2007 82:161-72).

To inquire about licensing or for further information, please contact:

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