# CD68 Antibody

**Product Code**: CSB-PA004951ESR2HU  
**Storage**: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  
**Uniprot No.**: P34810  
**Immunogen**: Recombinant Human Macrosialin protein (22-319AA)  
**Raised In**: Rabbit  
**Species Reactivity**: Human  
**Tested Applications**: ELISA, IHC; Recommended dilution: IHC:1:20-1:200  
**Relevance**: Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes and lysosomes to the plasma membrane may allow macrophages to crawl over selectin-bearing substrates or other cells.  
**Form**: Liquid  
**Conjugate**: Non-conjugated  
**Storage Buffer**: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.  
**Purification Method**: Antigen Affinity Purified  
**Isotype**: IgG  
**Clonality**: Polyclonal  
**Alias**: Macrosialin (Gp110) (CD antigen CD68), CD68  
**Species**: Homo sapiens (Human)  
**Research Area**: Immunology  
**Target Names**: CD68  

**Image**:  
![Immunohistochemistry of paraffin-embedded human tonsil tissue using CSB-PA004951ESR2HU at dilution of 1:100](image-url)
Immunohistochemistry of paraffin-embedded human spleen tissue using CSB-PA004951ESR2HU at dilution of 1:100