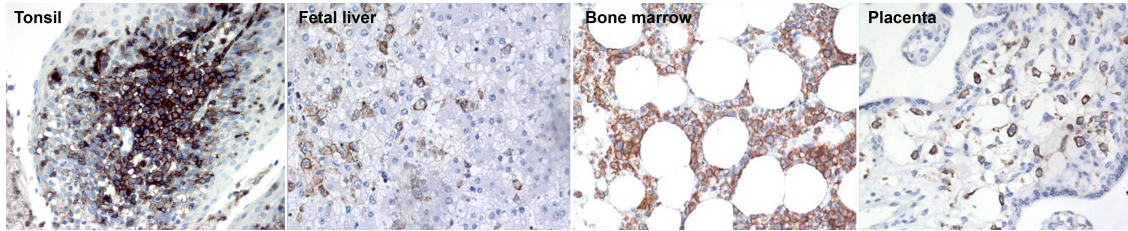


## PSGL1

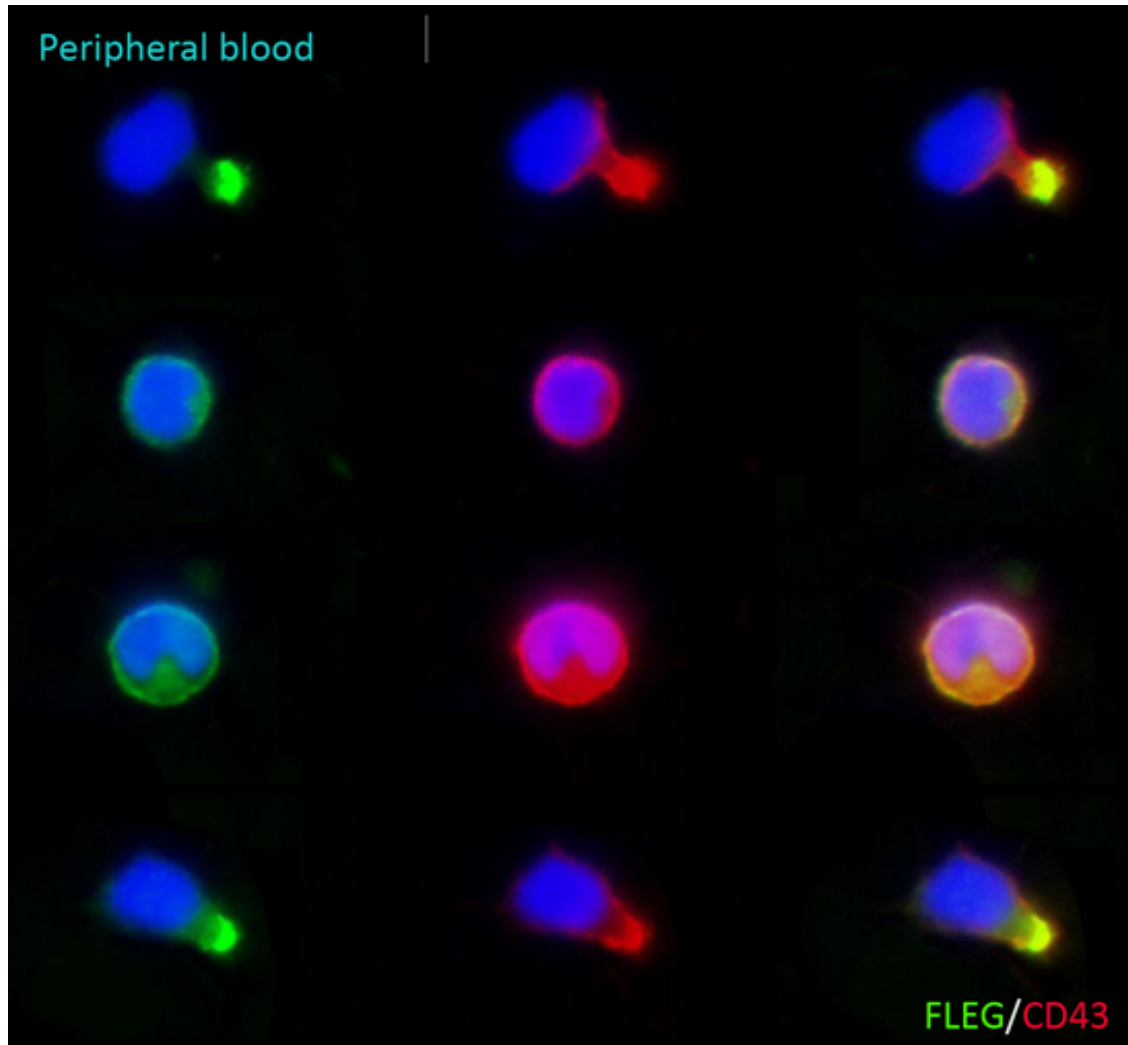
|                          |                                                                            |
|--------------------------|----------------------------------------------------------------------------|
| CONTACT INFORMATION:     | Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas |
| STATUS:                  | Validated                                                                  |
| TYPE:                    | mouse anti human                                                           |
| CLONE NAME:              | FLEG                                                                       |
| PROTEIN:                 | Selectin P                                                                 |
| ANTIGEN USED:            | Karpas 299 cell line (Human T cell lymphoma)                               |
| FUSION PARTNER:          | NS1/Ag4-1 (NS1) cells                                                      |
| ISOTYPE:                 | IgG2a                                                                      |
| SPECIES REACTIVITY:      | Human                                                                      |
| PREPARATION AND STORAGE: | Aliquot and store at 4C. Do not freeze                                     |
| COMMERCIALIZED BY:       | eBioscience                                                                |

### APPLICATIONS

| IHC Techniques               | Clone | Dilution         | Antibody concentration | Antigen retrieval method | Visualization kit | Positive control | Negative control | Protein localization | Positivity in other species |
|------------------------------|-------|------------------|------------------------|--------------------------|-------------------|------------------|------------------|----------------------|-----------------------------|
| Frozen tissue and cytopspins |       |                  |                        |                          |                   |                  |                  |                      |                             |
| Recommended                  | FLEG  | Neat supernatant |                        |                          |                   | Tonsil           |                  |                      |                             |
| Paraffin tissue              |       |                  |                        |                          |                   |                  |                  |                      |                             |
| Recommended                  | FLEG  | Neat supernatant |                        | Tris-EDTA                |                   | Tonsil           |                  |                      |                             |
| Immunofluorescence           |       |                  |                        |                          |                   |                  |                  |                      |                             |
| Recommended                  | FLEG  | Neat supernatant |                        |                          |                   |                  |                  |                      |                             |

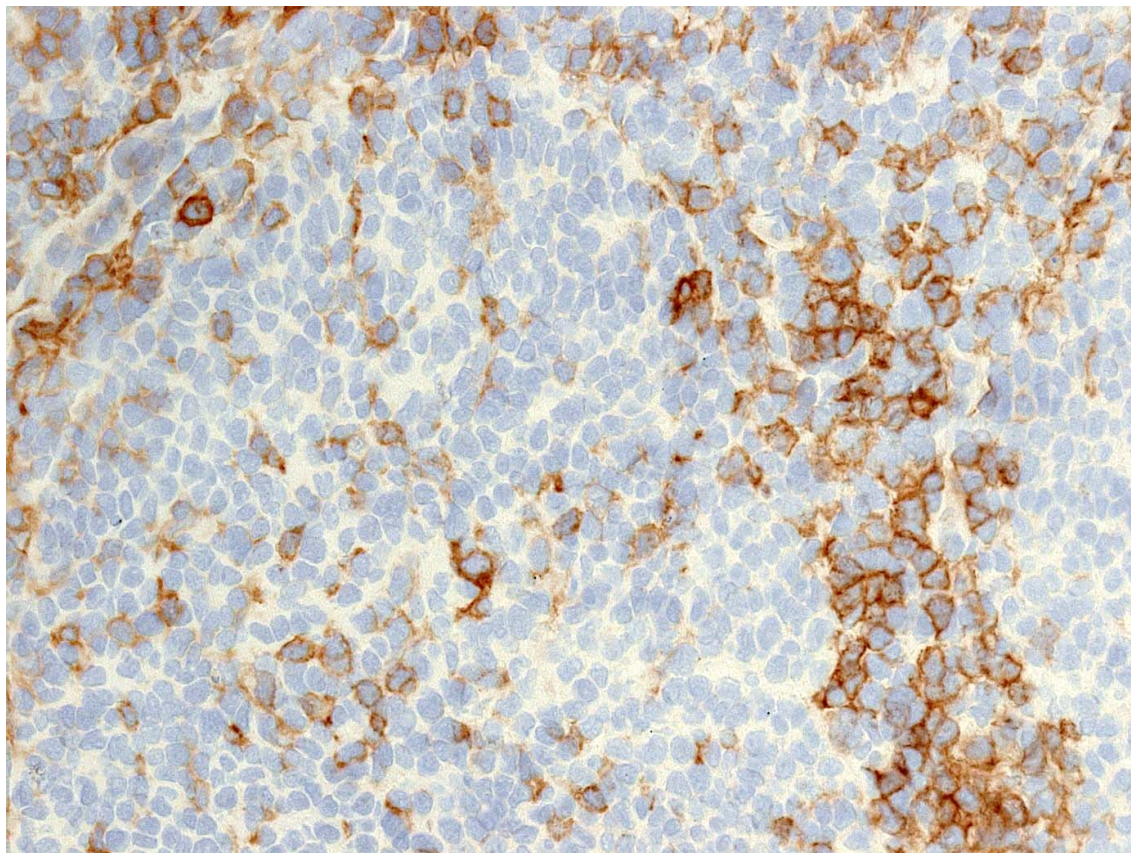


**FLEG mAb in different human paraffin tissues.**



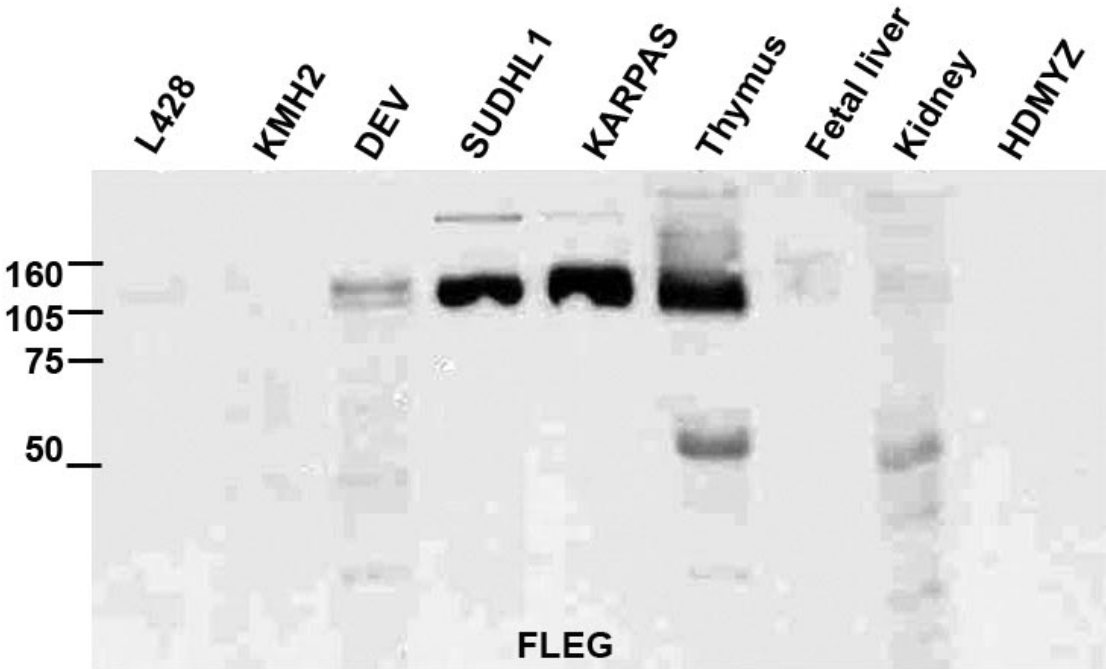
**Immunofluorescence on human lymphocyte cells.**

Anti-PSGL1 mAb (Green) and anti-CD43 mAb (red).



**FLEG mAb in human frozen tonsil**

| WB Techniques              | Clone | Dilution         | Antibody concentration | Positive control | Negative control | Expected MW | Observed Mw | Positivity in other species |
|----------------------------|-------|------------------|------------------------|------------------|------------------|-------------|-------------|-----------------------------|
| <b>Western Blotting</b>    |       |                  |                        |                  |                  |             |             |                             |
| Recommended                | FLEG  | Neat supernatant |                        | SUDHL1           | KMH2             | 90kDa       | 90kDa       |                             |
| <b>Immunoprecipitation</b> |       |                  |                        |                  |                  |             |             |                             |

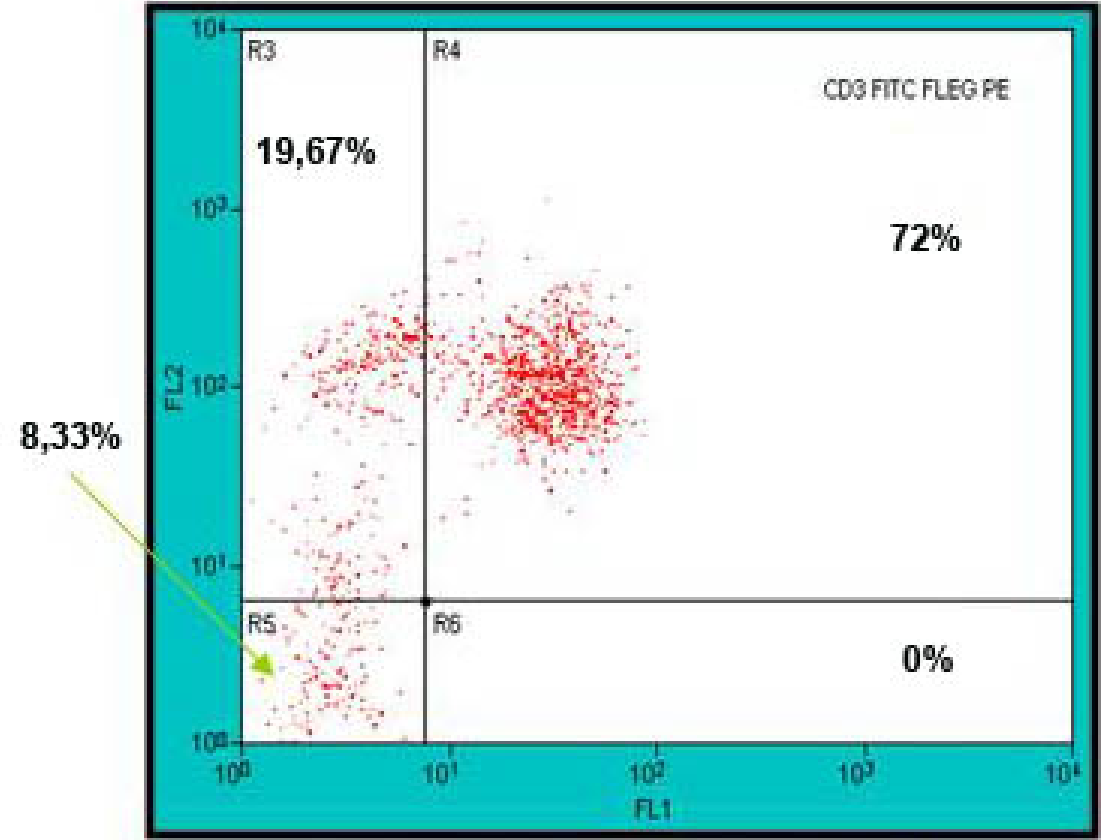


**Western Blotting of PSGL1 (FLEG) using different cell extracts.**

- Lane 1 L428 cell line (100ug) (-)
- Lane 2 KMH2 cell line (100ug) (-)
- Lane 3 DEV cell line (100ug) (+)
- Lane 4 SUDHL1 cell line (100ug) (+)
- Lane 5 KARPAS cell line (100ug) (+)
- Lane 6 Thymus cell line (100ug) (+)
- Lane 7 human fetal liver (100ug) (-)
- Lane 8 human kidney (100ug) (-)
- Lane 9 HDMYZ cell line (100ug) (-)

| FLOW CYTOMETRY | Clone | Dilution | Positive control | Negative control | Type of fluorocrom |
|----------------|-------|----------|------------------|------------------|--------------------|
|----------------|-------|----------|------------------|------------------|--------------------|

|             |       |                  |                    |  |  |
|-------------|-------|------------------|--------------------|--|--|
| Recommended | CON6D | Neat supernatant | Human tonsil cells |  |  |
|-------------|-------|------------------|--------------------|--|--|



**All CD3+ lymphocytes are FLEG+**  
**There is a population FLEG+/CD3-**

**FLEG antibody can be used to detect human PSGL1 protein by flow cytometry.**

Sample: Human tonsil cell extract

Dilution: FLEG antibody was used as 50ul supernatant/one million cells/tube. Anti-CD3 antibody was diluted 1:200.